



# Petroleum Supply Monthly

December 2010

With Data for October 2010

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**Energy Information Administration**

Office of Oil and Gas  
U.S. Department of Energy  
Washington, DC 20585

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# Preface

The *Petroleum Supply Monthly* (PSM) is the monthly component of a series of three publications produced by the Petroleum Division of the Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report* (WPSR) and the *Petroleum Supply Annual* (PSA). Together these publications present a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly basis.

Data presented in the *PSM* describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply. Included are: petroleum refiners, motor gasoline blenders, oxygenate producers, operators of natural gas processing plants and fractionators, inter-PAD transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

The *PSM* presents statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District level, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources.

## Appendices

Three appendices are provided to assist in understanding and interpreting the data presented in this publication:

- Appendix A (District Descriptions and Maps) - Geographic aggregations of the 50 States and the District of Columbia into Refining Districts which make up the PAD Districts.
- Appendix B (Explanatory Notes) - Information describing data collection, sources, estimation methodology, data quality control procedures, modifications to reporting requirements and interpretation of tables.
- Appendix D (Northeast Heating Oil Reserve) - Contains volumes of heating oil held in terminals by the government as a reserve to reduce the risks of home heating oil shortages.

Industry terminology and product definitions are listed alphabetically in the Glossary. Final statistics for the data series published in the *PSM*, as well as additional data from the annual refinery survey are published in the *PSA*. The *PSA* is published approximately six months after the end of the report year.

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**Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2010**  
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments <sup>1</sup>	Stock Change <sup>2</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>3</sup>	
<b>Crude Oil<sup>4</sup></b> .....	<b>174,098</b>	--	--	<b>263,173</b>	<b>3,151</b>	<b>5,725</b>	<b>433,969</b>	<b>728</b>	<b>0</b>	<b>1,092,353</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b> .....	<b>63,768</b>	<b>-564</b>	<b>15,273</b>	<b>5,168</b>	--	<b>-1,873</b>	<b>15,394</b>	<b>4,729</b>	<b>65,395</b>	<b>151,215</b>
Pentanes Plus .....	8,899	-564	--	114	--	268	5,497	123	2,561	12,190
Liquefied Petroleum Gases .....	54,869	--	15,273	5,054	--	-2,141	9,897	4,606	62,834	139,025
Ethane/Ethylene .....	26,158	--	540	11	--	-183	--	--	26,892	23,183
Propane/Propylene .....	18,024	--	16,302	4,049	--	998	--	3,732	33,645	61,669
Normal Butane/Butylene .....	4,819	--	-1,378	627	--	-3,460	4,863	873	1,792	45,114
Isobutane/Isobutylene .....	5,868	--	-191	367	--	504	5,034	--	506	9,059
<b>Other Liquids</b> .....	--	<b>29,156</b>	--	<b>47,909</b>	<b>3,628</b>	<b>-1,098</b>	<b>79,094</b>	<b>2,737</b>	<b>-40</b>	<b>249,241</b>
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons .....	--	29,160	--	169	3,233	-196	31,169	1,589	0	18,717
Hydrogen .....	--	--	--	--	5,916	--	5,916	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	1,750	--	--	-132	-45	74	1,589	0	741
Renewable Fuels (including Fuel Ethanol) ...	--	27,410	--	21	-2,449	-145	25,127	--	0	17,945
Fuel Ethanol .....	--	27,410	--	1	-2,603	-113	24,921	--	0	17,295
Renewable Fuels Except Fuel Ethanol .....	--	--	--	20	154	-32	206	--	0	650
Other Hydrocarbons .....	--	--	--	148	-102	-6	52	--	0	31
Unfinished Oils .....	--	--	--	23,209	--	4,000	19,249	--	-40	86,294
Motor Gasoline Blend.Comp. (MGBC) .....	--	-4	--	24,531	395	-4,899	28,673	1,148	0	144,226
Reformulated .....	--	--	--	6,163	2,133	-2,375	10,621	50	0	47,758
Conventional .....	--	-4	--	18,368	-1,738	-2,524	18,052	1,098	0	96,468
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	-3	3	--	0	4
<b>Finished Petroleum Products</b> .....	--	<b>5</b>	<b>544,196</b>	<b>28,648</b>	<b>2,208</b>	<b>-13,950</b>	--	<b>67,251</b>	<b>521,756</b>	<b>352,758</b>
Finished Motor Gasoline .....	--	5	280,937	2,651	2,208	-4,627	--	8,769	281,659	65,560
Reformulated .....	--	--	95,348	--	651	-185	--	468	95,716	432
Conventional .....	--	5	185,589	2,651	1,558	-4,442	--	8,301	185,943	65,128
Finished Aviation Gasoline .....	--	--	480	8	--	21	--	--	467	1,060
Kerosene-Type Jet Fuel .....	--	--	40,816	2,903	--	-2,549	--	1,973	44,295	44,212
Kerosene .....	--	--	571	28	--	128	--	15	456	3,256
Distillate Fuel Oil <sup>5</sup> .....	--	--	133,751	5,068	0	-5,140	--	27,107	116,852	161,568
15 ppm sulfur and under <sup>6</sup> .....	--	--	111,481	3,613	-1,037	-4,397	--	15,602	102,852	100,347
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	8,185	231	1,037	-532	--	9,907	78	11,336
Greater than 500 ppm sulfur .....	--	--	14,085	1,224	--	-211	--	1,599	13,921	49,885
Residual Fuel Oil <sup>7</sup> .....	--	--	16,381	11,256	--	1,297	--	10,668	15,672	41,123
Less than 0.31 percent sulfur .....	--	--	1,617	2,396	--	-19	--	NA	NA	4,690
0.31 to 1.00 percent sulfur .....	--	--	2,732	588	--	-1,454	--	NA	NA	7,924
Greater than 1.00 percent sulfur .....	--	--	12,032	8,272	--	2,770	--	NA	NA	28,506
Petrochemical Feedstocks .....	--	--	8,423	4,187	--	18	--	--	12,592	2,688
Naphtha for Petro. Feed. Use .....	--	--	5,164	1,367	--	-113	--	--	6,644	1,633
Other Oils for Petro. Feed. Use .....	--	--	3,259	2,820	--	131	--	--	5,948	1,055
Special Naphthas .....	--	--	1,458	364	--	-50	--	1,335	537	1,239
Lubricants .....	--	--	4,251	1,105	--	-585	--	1,976	3,965	6,862
Waxes .....	--	--	160	101	--	-63	--	130	194	426
Petroleum Coke .....	--	--	24,674	325	--	549	--	14,084	10,366	7,794
Marketable .....	--	--	18,094	325	--	549	--	14,084	3,786	7,794
Catalyst .....	--	--	6,580	--	--	--	--	--	6,580	--
Asphalt and Road Oil .....	--	--	10,800	646	--	-2,961	--	1,162	13,245	16,269
Still Gas .....	--	--	19,207	--	--	--	--	--	19,207	--
Miscellaneous Products .....	--	--	2,287	6	--	12	--	32	2,249	701
<b>Total</b> .....	<b>237,866</b>	<b>28,597</b>	<b>559,469</b>	<b>344,898</b>	<b>8,986</b>	<b>-11,196</b>	<b>528,457</b>	<b>75,444</b>	<b>587,111</b>	<b>1,845,567</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>2</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>3</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>4</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

<sup>5</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2010**  
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments <sup>1</sup>	Stock Change <sup>2</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>3</sup>	
<b>Crude Oil<sup>4</sup></b> .....	<b>1,669,670</b>	--	--	<b>2,818,705</b>	<b>36,198</b>	<b>40,601</b>	<b>4,470,975</b>	<b>12,997</b>	<b>0</b>	<b>1,092,353</b>
<b>Natural Gas Plant Liquids and Liqueified</b>										
<b>Refinery Gases</b> .....	<b>604,444</b>	<b>-5,276</b>	<b>212,583</b>	<b>46,046</b>	--	<b>37,979</b>	<b>125,544</b>	<b>45,050</b>	<b>649,224</b>	<b>151,215</b>
Pentanes Plus .....	82,462	-5,276	--	3,247	--	1,638	46,964	6,535	25,296	12,190
Liquefied Petroleum Gases .....	521,982	--	212,583	42,799	--	36,341	78,580	38,514	623,929	139,025
Ethane/Ethylene .....	250,769	--	6,270	113	--	2,235	--	--	254,917	23,183
Propane/Propylene .....	170,570	--	170,018	33,328	--	10,897	--	31,988	331,031	61,669
Normal Butane/Butylene .....	44,479	--	38,058	6,328	--	21,027	29,203	6,526	32,109	45,114
Isobutane/Isobutylene .....	56,164	--	-1,763	3,030	--	2,182	49,377	--	5,872	9,059
<b>Other Liquids</b> .....	--	<b>275,769</b>	--	<b>425,145</b>	<b>20,379</b>	<b>13,217</b>	<b>670,830</b>	<b>28,824</b>	<b>8,422</b>	<b>249,241</b>
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons .....	--	275,792	--	2,202	25,947	-80	287,242	16,779	0	18,717
Hydrogen .....	--	--	--	--	49,497	--	49,497	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	16,976	--	--	-704	-810	303	16,779	0	741
Renewable Fuels (including Fuel Ethanol) ...	--	258,816	--	406	-21,547	728	236,947	--	0	17,945
Fuel Ethanol .....	--	258,816	--	237	-23,204	584	235,265	--	0	17,295
Renewable Fuels Except Fuel Ethanol .....	--	--	--	169	1,657	144	1,682	--	0	650
Other Hydrocarbons .....	--	--	--	1,796	-1,299	2	495	--	0	31
Unfinished Oils .....	--	--	--	185,072	--	5,834	170,768	--	8,470	86,294
Motor Gasoline Blend.Comp. (MGBC) .....	--	-23	--	237,871	-5,568	7,475	212,760	12,045	0	144,226
Reformulated .....	--	-5	--	59,167	11,057	-1,548	71,363	404	0	47,758
Conventional .....	--	-18	--	178,704	-16,625	9,023	141,397	11,641	0	96,468
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	-12	60	--	-48	4
<b>Finished Petroleum Products</b> .....	--	<b>13</b>	<b>5,373,770</b>	<b>322,863</b>	<b>28,772</b>	<b>-22,387</b>	--	<b>601,069</b>	<b>5,146,736</b>	<b>352,758</b>
Finished Motor Gasoline .....	--	13	2,740,381	42,420	28,772	-20,352	--	79,543	2,752,395	65,560
Reformulated .....	--	--	926,688	--	14,204	-21	--	3,401	937,512	432
Conventional .....	--	13	1,813,693	42,420	14,568	-20,331	--	76,143	1,814,883	65,128
Finished Aviation Gasoline .....	--	--	4,631	61	--	28	--	--	4,664	1,060
Kerosene-Type Jet Fuel .....	--	--	431,694	27,555	--	858	--	23,531	434,860	44,212
Kerosene .....	--	--	4,754	607	--	781	--	310	4,270	3,256
Distillate Fuel Oil <sup>5</sup> .....	--	--	1,262,594	69,286	0	-3,141	--	195,897	1,139,124	161,568
15 ppm sulfur and under <sup>6</sup> .....	--	--	1,017,181	38,134	-8,066	-2,226	--	85,909	963,566	100,347
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	109,004	9,686	8,066	-7,282	--	95,857	38,181	11,336
Greater than 500 ppm sulfur .....	--	--	136,409	21,466	--	6,367	--	14,130	137,378	49,885
Residual Fuel Oil <sup>7</sup> .....	--	--	177,044	115,940	--	3,373	--	125,227	164,384	41,123
Less than 0.31 percent sulfur .....	--	--	15,361	18,758	--	1,500	--	NA	NA	4,690
0.31 to 1.00 percent sulfur .....	--	--	25,247	16,822	--	-3,373	--	NA	NA	7,924
Greater than 1.00 percent sulfur .....	--	--	136,436	80,360	--	5,243	--	NA	NA	28,506
Petrochemical Feedstocks .....	--	--	99,724	42,882	--	291	--	--	142,315	2,688
Naphtha for Petro. Feed. Use .....	--	--	64,636	14,865	--	173	--	--	79,328	1,633
Other Oils for Petro. Feed. Use .....	--	--	35,088	28,017	--	118	--	--	62,987	1,055
Special Naphthas .....	--	--	11,176	3,568	--	112	--	10,480	4,152	1,239
Lubricants .....	--	--	49,051	8,075	--	-2,016	--	18,712	40,430	6,862
Waxes .....	--	--	2,478	1,472	--	62	--	1,544	2,344	426
Petroleum Coke .....	--	--	245,447	4,566	--	-653	--	136,798	113,868	7,794
Marketable .....	--	--	177,383	4,566	--	-653	--	136,798	45,804	7,794
Catalyst .....	--	--	68,064	--	--	--	--	--	68,064	--
Asphalt and Road Oil .....	--	--	117,631	6,354	--	-1,663	--	8,672	116,976	16,269
Still Gas .....	--	--	204,296	--	--	--	--	--	204,296	--
Miscellaneous Products .....	--	--	22,869	77	--	-67	--	354	22,659	701
<b>Total</b> .....	<b>2,274,114</b>	<b>270,506</b>	<b>5,586,353</b>	<b>3,612,759</b>	<b>85,349</b>	<b>69,410</b>	<b>5,267,349</b>	<b>687,939</b>	<b>5,804,382</b>	<b>1,845,567</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>2</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>3</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>4</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

<sup>5</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."



**Table 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2010**  
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments <sup>1</sup>	Stock Change <sup>2</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>3</sup>
<b>Crude Oil<sup>4</sup></b> .....	<b>5,616</b>	--	--	<b>8,489</b>	<b>102</b>	<b>185</b>	<b>13,999</b>	<b>23</b>	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>									
<b>Refinery Gases</b> .....	<b>2,057</b>	<b>-18</b>	<b>493</b>	<b>167</b>	--	<b>-60</b>	<b>497</b>	<b>153</b>	<b>2,110</b>
Pentanes Plus .....	287	-18	--	4	--	9	177	4	83
Liquefied Petroleum Gases .....	1,770	--	493	163	--	-69	319	149	2,027
Ethane/Ethylene .....	844	--	17	0	--	-6	--	--	867
Propane/Propylene .....	581	--	526	131	--	32	--	120	1,085
Normal Butane/Butylene .....	155	--	-44	20	--	-112	157	28	58
Isobutane/Isobutylene .....	189	--	-6	12	--	16	162	--	16
<b>Other Liquids</b> .....	--	<b>941</b>	--	<b>1,545</b>	<b>117</b>	<b>-35</b>	<b>2,551</b>	<b>88</b>	<b>-1</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	941	--	5	104	-6	1,005	51	0
Hydrogen .....	--	--	--	--	191	--	191	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	56	--	--	-4	-1	2	51	0
Renewable Fuels (including Fuel Ethanol) .....	--	884	--	1	-79	-5	811	--	0
Fuel Ethanol .....	--	884	--	0	-84	-4	804	--	0
Renewable Fuels Except Fuel Ethanol .....	--	--	--	1	5	-1	7	--	0
Other Hydrocarbons .....	--	--	--	5	-3	0	2	--	0
Unfinished Oils .....	--	--	--	749	--	129	621	--	-1
Motor Gasoline Blend.Comp. (MGBC) .....	--	0	--	791	13	-158	925	37	0
Reformulated .....	--	--	--	199	69	-77	343	2	0
Conventional .....	--	0	--	593	-56	-81	582	35	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b> .....	--	<b>0</b>	<b>17,555</b>	<b>924</b>	<b>71</b>	<b>-450</b>	--	<b>2,169</b>	<b>16,831</b>
Finished Motor Gasoline .....	--	0	9,062	86	71	-149	--	283	9,086
Reformulated .....	--	--	3,076	--	21	-6	--	15	3,088
Conventional .....	--	0	5,987	86	50	-143	--	268	5,998
Finished Aviation Gasoline .....	--	--	15	0	--	1	--	--	15
Kerosene-Type Jet Fuel .....	--	--	1,317	94	--	-82	--	64	1,429
Kerosene .....	--	--	18	1	--	4	--	0	15
Distillate Fuel Oil <sup>5</sup> .....	--	--	4,315	163	0	-166	--	874	3,769
15 ppm sulfur and under <sup>6</sup> .....	--	--	3,596	117	-33	-142	--	503	3,318
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	264	7	33	-17	--	320	3
Greater than 500 ppm sulfur .....	--	--	454	39	--	-7	--	52	449
Residual Fuel Oil <sup>7</sup> .....	--	--	528	363	--	42	--	344	506
Less than 0.31 percent sulfur .....	--	--	52	77	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	88	19	--	-47	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	388	267	--	89	--	NA	NA
Petrochemical Feedstocks .....	--	--	272	135	--	1	--	--	406
Naphtha for Petro. Feed. Use .....	--	--	167	44	--	-4	--	--	214
Other Oils for Petro. Feed. Use .....	--	--	105	91	--	4	--	--	192
Special Naphthas .....	--	--	47	12	--	-2	--	43	17
Lubricants .....	--	--	137	36	--	-19	--	64	128
Waxes .....	--	--	5	3	--	-2	--	4	6
Petroleum Coke .....	--	--	796	10	--	18	--	454	334
Marketable .....	--	--	584	10	--	18	--	454	122
Catalyst .....	--	--	212	--	--	--	--	--	212
Asphalt and Road Oil .....	--	--	348	21	--	-96	--	37	427
Still Gas .....	--	--	620	--	--	--	--	--	620
Miscellaneous Products .....	--	--	74	0	--	0	--	1	73
<b>Total</b> .....	<b>7,673</b>	<b>922</b>	<b>18,047</b>	<b>11,126</b>	<b>290</b>	<b>-361</b>	<b>17,047</b>	<b>2,434</b>	<b>18,939</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>2</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>3</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>4</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

<sup>5</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2010**  
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments <sup>1</sup>	Stock Change <sup>2</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>3</sup>
<b>Crude Oil<sup>4</sup></b> .....	<b>5,492</b>	--	--	<b>9,272</b>	<b>119</b>	<b>134</b>	<b>14,707</b>	<b>43</b>	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>									
<b>Refinery Gases</b> .....	<b>1,988</b>	<b>-17</b>	<b>699</b>	<b>151</b>	--	<b>125</b>	<b>413</b>	<b>148</b>	<b>2,136</b>
Pentanes Plus .....	271	-17	--	11	--	5	154	21	83
Liquefied Petroleum Gases .....	1,717	--	699	141	--	120	258	127	2,052
Ethane/Ethylene .....	825	--	21	0	--	7	--	--	839
Propane/Propylene .....	561	--	559	110	--	36	--	105	1,089
Normal Butane/Butylene .....	146	--	125	21	--	69	96	21	106
Isobutane/Isobutylene .....	185	--	-6	10	--	7	162	--	19
<b>Other Liquids</b> .....	--	<b>907</b>	--	<b>1,399</b>	<b>67</b>	<b>43</b>	<b>2,207</b>	<b>95</b>	<b>28</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	907	--	7	85	0	945	55	0
Hydrogen .....	--	--	--	--	163	--	163	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	56	--	--	-2	-3	1	55	0
Renewable Fuels (including Fuel Ethanol) .....	--	851	--	1	-71	2	779	--	0
Fuel Ethanol .....	--	851	--	1	-76	2	774	--	0
Renewable Fuels Except Fuel Ethanol .....	--	--	--	1	5	0	6	--	0
Other Hydrocarbons .....	--	--	--	6	-4	0	2	--	0
Unfinished Oils .....	--	--	--	609	--	19	562	--	28
Motor Gasoline Blend.Comp. (MGBC) .....	--	0	--	782	-18	25	700	40	0
Reformulated .....	--	0	--	195	36	-5	235	1	0
Conventional .....	--	0	--	588	-55	30	465	38	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b> .....	--	<b>0</b>	<b>17,677</b>	<b>1,062</b>	<b>95</b>	<b>-74</b>	--	<b>1,977</b>	<b>16,930</b>
Finished Motor Gasoline .....	--	0	9,014	140	95	-67	--	262	9,054
Reformulated .....	--	--	3,048	--	47	0	--	11	3,084
Conventional .....	--	0	5,966	140	48	-67	--	250	5,970
Finished Aviation Gasoline .....	--	--	15	0	--	0	--	--	15
Kerosene-Type Jet Fuel .....	--	--	1,420	91	--	3	--	77	1,430
Kerosene .....	--	--	16	2	--	3	--	1	14
Distillate Fuel Oil <sup>5</sup> .....	--	--	4,153	228	0	-10	--	644	3,747
15 ppm sulfur and under <sup>6</sup> .....	--	--	3,346	125	-27	-7	--	283	3,170
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	359	32	27	-24	--	315	126
Greater than 500 ppm sulfur .....	--	--	449	71	--	21	--	46	452
Residual Fuel Oil <sup>7</sup> .....	--	--	582	381	--	11	--	412	541
Less than 0.31 percent sulfur .....	--	--	51	62	--	5	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	83	55	--	-11	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	449	264	--	17	--	NA	NA
Petrochemical Feedstocks .....	--	--	328	141	--	1	--	--	468
Naphtha for Petro. Feed. Use .....	--	--	213	49	--	1	--	--	261
Other Oils for Petro. Feed. Use .....	--	--	115	92	--	0	--	--	207
Special Naphthas .....	--	--	37	12	--	0	--	34	14
Lubricants .....	--	--	161	27	--	-7	--	62	133
Waxes .....	--	--	8	5	--	0	--	5	8
Petroleum Coke .....	--	--	807	15	--	-2	--	450	375
Marketable .....	--	--	583	15	--	-2	--	450	151
Catalyst .....	--	--	224	--	--	--	--	--	224
Asphalt and Road Oil .....	--	--	387	21	--	-5	--	29	385
Still Gas .....	--	--	672	--	--	--	--	--	672
Miscellaneous Products .....	--	--	75	0	--	0	--	1	75
<b>Total</b> .....	<b>7,481</b>	<b>890</b>	<b>18,376</b>	<b>11,884</b>	<b>281</b>	<b>228</b>	<b>17,327</b>	<b>2,263</b>	<b>19,093</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>2</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>3</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>4</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

<sup>5</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 5. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2010**  
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	Ending Stocks
<b>Crude Oil</b> .....	675	--	--	27,657	458	-2,079	479	26,185	47	0	11,054
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b> .....	806	-12	655	2,031	2,734	--	8	797	22	5,387	7,306
Pentanes Plus .....	150	-12	--	--	-90	--	-2	--	--	50	30
Liquefied Petroleum Gases .....	656	--	655	2,031	2,824	--	10	797	22	5,337	7,276
Ethane/Ethylene .....	4	--	--	--	--	--	--	--	--	4	--
Propane/Propylene .....	429	--	997	1,718	2,689	--	515	--	12	5,306	4,821
Normal Butane/Butylene .....	148	--	-230	100	135	--	-456	456	10	143	2,176
Isobutane/Isobutylene .....	75	--	-112	213	--	--	-49	341	--	-116	279
<b>Other Liquids</b> .....	--	752	--	26,415	40,645	7,398	-79	76,759	12	-1,481	56,852
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	755	--	3	9,525	-1,164	-420	9,539	0	0	6,365
Hydrogen .....	--	--	--	--	--	27	--	27	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol) .....	--	755	--	3	9,525	-1,191	-420	9,512	--	0	6,365
Fuel Ethanol .....	--	755	--	1	9,346	-990	-369	9,481	--	0	6,072
Renewable Fuels Except Fuel Ethanol .....	--	--	--	2	179	-201	-51	31	--	0	293
Other Hydrocarbons .....	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils .....	--	--	--	4,555	-56	--	1,490	4,490	--	-1,481	6,383
Motor Gasoline Blend. Comp. (MGBC) .....	--	-3	--	21,857	31,176	8,562	-1,149	62,730	11	0	44,104
Reformulated .....	--	--	--	6,161	7,324	1,067	-487	15,039	0	0	17,329
Conventional .....	--	-3	--	15,696	23,852	7,495	-662	47,691	11	0	26,775
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	--	104,862	16,146	53,602	-7,572	-4,136	--	7,114	164,060	113,063
Finished Motor Gasoline .....	--	--	88,290	1,782	15,605	-7,572	-1,803	--	114	99,795	8,276
Reformulated .....	--	--	37,827	--	--	613	93	--	10	38,337	217
Conventional .....	--	--	50,463	1,782	15,605	-8,185	-1,896	--	103	61,458	8,059
Finished Aviation Gasoline .....	--	--	--	4	60	--	3	--	--	61	129
Kerosene-Type Jet Fuel .....	--	--	1,682	1,071	13,757	--	-872	--	21	17,361	10,939
Kerosene .....	--	--	110	27	--	--	189	--	0	-52	2,711
Distillate Fuel Oil <sup>6</sup> .....	--	--	9,235	4,421	22,765	0	-384	--	4,094	32,711	71,308
15 ppm sulfur and under <sup>7</sup> .....	--	--	5,430	3,161	18,060	-123	-610	--	441	26,697	25,801
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup> .....	--	--	-300	200	1,720	123	-189	--	3,652	-1,720	4,599
Greater than 500 ppm sulfur .....	--	--	4,105	1,060	2,985	--	415	--	1	7,734	40,908
Residual Fuel Oil <sup>8</sup> .....	--	--	1,449	7,916	14	--	-279	--	2,077	7,581	14,659
Less than 0.31 percent sulfur .....	--	--	611	1,772	--	--	189	--	NA	NA	2,708
0.31 to 1.00 percent sulfur .....	--	--	373	414	--	--	-1,730	--	NA	NA	4,192
Greater than 1.00 percent sulfur .....	--	--	465	5,730	14	--	1,262	--	NA	NA	7,759
Petrochemical Feedstocks .....	--	--	282	102	252	--	1	--	--	635	247
Naphtha for Petro. Feed. Use .....	--	--	282	97	252	--	1	--	--	630	247
Other Oils for Petro. Feed. Use .....	--	--	--	5	--	--	--	--	--	5	--
Special Naphthas .....	--	--	29	39	--	--	-3	--	3	68	44
Lubricants .....	--	--	454	79	519	--	-19	--	158	913	1,030
Waxes .....	--	--	8	63	--	--	0	--	50	21	130
Petroleum Coke .....	--	--	856	228	--	--	-79	--	238	925	78
Marketable .....	--	--	113	228	--	--	-79	--	238	182	78
Catalyst .....	--	--	743	--	--	--	--	--	--	743	--
Asphalt and Road Oil .....	--	--	1,469	413	630	--	-890	--	341	3,061	3,493
Still Gas .....	--	--	957	--	--	--	--	--	--	957	--
Miscellaneous Products .....	--	--	41	1	--	--	0	--	16	26	19
<b>Total</b> .....	1,481	740	105,517	72,249	97,439	-2,252	-3,728	103,741	7,194	167,966	188,275

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 6. PAD District 1 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2010**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b> .....	<b>6,141</b>	--	--	<b>344,583</b>	<b>6,993</b>	<b>-9,705</b>	<b>-1,618</b>	<b>347,617</b>	<b>2,013</b>	<b>0</b>	<b>11,054</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b> .....	<b>6,957</b>	<b>-86</b>	<b>13,729</b>	<b>17,181</b>	<b>14,267</b>	--	<b>1,116</b>	<b>4,682</b>	<b>1,682</b>	<b>44,568</b>	<b>7,306</b>
Pentanes Plus .....	1,199	-86	--	--	-796	--	7	4	76	230	30
Liquefied Petroleum Gases .....	5,758	--	13,729	17,181	15,063	--	1,109	4,678	1,606	44,338	7,276
Ethane/Ethylene .....	72	--	86	--	--	--	0	--	--	158	--
Propane/Propylene .....	3,840	--	11,634	14,776	14,373	--	137	--	268	44,218	4,821
Normal Butane/Butylene .....	1,253	--	2,272	925	492	--	967	1,372	1,338	1,265	2,176
Isobutane/Isobutylene .....	593	--	-263	1,480	198	--	5	3,306	--	-1,303	279
<b>Other Liquids</b> .....	--	<b>5,535</b>	--	<b>241,001</b>	<b>370,193</b>	<b>49,142</b>	<b>96</b>	<b>668,657</b>	<b>566</b>	<b>-3,448</b>	<b>56,852</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	5,542	--	809	94,967	-10,520	151	90,639	9	0	6,365
Hydrogen .....	--	--	--	--	--	248	--	248	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	0	9	--	--	9	0	--
Renewable Fuels (including Fuel Ethanol) .....	--	5,542	--	191	94,967	-10,158	151	90,391	--	0	6,365
Fuel Ethanol .....	--	5,542	--	160	93,423	-8,891	120	90,114	--	0	6,072
Renewable Fuels Except Fuel Ethanol .....	--	--	--	31	1,544	-1,267	31	277	--	0	293
Other Hydrocarbons .....	--	--	--	618	--	-618	--	--	--	0	--
Unfinished Oils .....	--	--	--	26,591	-641	--	-1,718	31,116	--	-3,448	6,383
Motor Gasoline Blend.Comp. (MGBC) .....	--	-7	--	213,601	275,867	59,661	1,663	546,902	557	0	44,104
Reformulated .....	--	--	--	57,789	83,562	13,258	9	154,598	2	0	17,329
Conventional .....	--	-7	--	155,812	192,305	46,403	1,654	392,304	555	0	26,775
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	<b>-11</b>	<b>1,024,813</b>	<b>185,435</b>	<b>530,507</b>	<b>-50,770</b>	<b>-3,734</b>	--	<b>49,466</b>	<b>1,644,242</b>	<b>113,063</b>
Finished Motor Gasoline .....	--	-11	816,011	26,484	188,836	-50,770	-10,108	--	1,698	988,960	8,276
Reformulated .....	--	--	373,089	--	1,064	6,310	-29	--	75	380,417	217
Conventional .....	--	-11	442,922	26,484	187,772	-57,080	-10,079	--	1,623	608,543	8,059
Finished Aviation Gasoline .....	--	--	--	38	838	--	29	--	--	847	129
Kerosene-Type Jet Fuel .....	--	--	20,425	14,609	132,440	--	929	--	724	165,821	10,939
Kerosene .....	--	--	1,907	604	14	--	786	--	19	1,720	2,711
Distillate Fuel Oil <sup>6</sup> .....	--	--	114,209	59,189	193,138	0	3,019	--	21,015	342,502	71,308
15 ppm sulfur and under <sup>7</sup> .....	--	--	69,940	31,667	140,630	-821	417	--	2,468	238,531	25,801
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup> .....	--	--	1,505	8,814	16,659	821	-2,796	--	16,335	14,260	4,599
Greater than 500 ppm sulfur .....	--	--	42,764	18,708	35,849	--	5,398	--	2,211	89,712	40,908
Residual Fuel Oil <sup>8</sup> .....	--	--	21,673	75,537	2,015	--	1,721	--	18,548	78,956	14,659
Less than 0.31 percent sulfur .....	--	--	6,885	15,332	--	--	40	--	NA	NA	2,708
0.31 to 1.00 percent sulfur .....	--	--	6,418	10,790	130	--	-1,065	--	NA	NA	4,192
Greater than 1.00 percent sulfur .....	--	--	8,370	49,415	1,885	--	2,746	--	NA	NA	7,759
Petrochemical Feedstocks .....	--	--	3,301	933	979	--	-80	--	--	5,293	247
Naphtha for Petro. Feed. Use .....	--	--	3,301	859	1,141	--	-80	--	--	5,381	247
Other Oils for Petro. Feed. Use .....	--	--	--	74	-162	--	--	--	--	-88	--
Special Naphthas .....	--	--	262	319	30	--	1	--	716	-106	44
Lubricants .....	--	--	4,148	1,046	6,025	--	-224	--	1,299	10,144	1,030
Waxes .....	--	--	121	655	68	--	46	--	507	291	130
Petroleum Coke .....	--	--	10,369	2,831	--	--	-30	--	3,316	9,914	78
Marketable .....	--	--	2,633	2,831	--	--	-30	--	3,316	2,178	78
Catalyst .....	--	--	7,736	--	--	--	--	--	--	7,736	--
Asphalt and Road Oil .....	--	--	19,981	3,183	6,118	--	178	--	1,445	27,659	3,493
Still Gas .....	--	--	11,953	--	--	--	--	--	--	11,953	--
Miscellaneous Products .....	--	--	453	7	6	--	-1	--	178	289	19
<b>Total</b> .....	<b>13,098</b>	<b>5,438</b>	<b>1,038,542</b>	<b>788,200</b>	<b>921,960</b>	<b>-11,333</b>	<b>-4,140</b>	<b>1,020,956</b>	<b>53,727</b>	<b>1,685,362</b>	<b>188,275</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 7. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2010**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b> .....	22	--	--	892	15	-67	15	845	2	0
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b> .....	26	0	21	66	88	--	0	26	1	174
Pentanes Plus .....	5	0	--	--	-3	--	0	--	--	2
Liquefied Petroleum Gases .....	21	--	21	66	91	--	0	26	1	172
Ethane/Ethylene .....	0	--	--	--	--	--	--	--	--	0
Propane/Propylene .....	14	--	32	55	87	--	17	--	0	171
Normal Butane/Butylene .....	5	--	-7	3	4	--	-15	15	0	5
Isobutane/Isobutylene .....	2	--	-4	7	--	--	-2	11	--	-4
<b>Other Liquids</b> .....	--	24	--	852	1,311	239	-3	2,476	0	-48
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	24	--	0	307	-38	-14	308	0	0
Hydrogen .....	--	--	--	--	--	1	--	1	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) .....	--	24	--	0	307	-38	-14	307	--	0
Fuel Ethanol .....	--	24	--	0	301	-32	-12	306	--	0
Renewable Fuels Except Fuel Ethanol .....	--	--	--	0	6	-6	-2	1	--	0
Other Hydrocarbons .....	--	--	--	--	--	0	--	--	--	0
Unfinished Oils .....	--	--	--	147	-2	--	48	145	--	-48
Motor Gasoline Blend.Comp. (MGBC) .....	--	0	--	705	1,006	276	-37	2,024	0	0
Reformulated .....	--	--	--	199	236	34	-16	485	0	0
Conventional .....	--	0	--	506	769	242	-21	1,538	0	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	--	3,383	521	1,729	-244	-133	--	229	5,292
Finished Motor Gasoline .....	--	--	2,848	57	503	-244	-58	--	4	3,219
Reformulated .....	--	--	1,220	--	--	20	3	--	0	1,237
Conventional .....	--	--	1,628	57	503	-264	-61	--	3	1,983
Finished Aviation Gasoline .....	--	--	--	0	2	--	0	--	--	2
Kerosene-Type Jet Fuel .....	--	--	54	35	444	--	-28	--	1	560
Kerosene .....	--	--	4	1	--	--	6	--	0	-2
Distillate Fuel Oil <sup>6</sup> .....	--	--	298	143	734	0	-12	--	132	1,055
15 ppm sulfur and under <sup>7</sup> .....	--	--	175	102	583	-4	-20	--	14	861
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup> .....	--	--	-10	6	55	4	-6	--	118	-55
Greater than 500 ppm sulfur .....	--	--	132	34	96	--	13	--	0	249
Residual Fuel Oil <sup>8</sup> .....	--	--	47	255	0	--	-9	--	67	245
Less than 0.31 percent sulfur .....	--	--	20	57	--	--	6	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	12	13	--	--	-56	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	15	185	0	--	41	--	NA	NA
Petrochemical Feedstocks .....	--	--	9	3	8	--	0	--	--	20
Naphtha for Petro. Feed. Use .....	--	--	9	3	8	--	0	--	--	20
Other Oils for Petro. Feed. Use .....	--	--	--	0	--	--	--	--	--	0
Special Naphthas .....	--	--	1	1	--	--	0	--	0	2
Lubricants .....	--	--	15	3	17	--	-1	--	5	29
Waxes .....	--	--	0	2	--	--	0	--	2	1
Petroleum Coke .....	--	--	28	7	--	--	-3	--	8	30
Marketable .....	--	--	4	7	--	--	-3	--	8	6
Catalyst .....	--	--	24	--	--	--	--	--	--	24
Asphalt and Road Oil .....	--	--	47	13	20	--	-29	--	11	99
Still Gas .....	--	--	31	--	--	--	--	--	--	31
Miscellaneous Products .....	--	--	1	0	--	--	0	--	1	1
<b>Total</b> .....	48	24	3,404	2,331	3,143	-73	-120	3,346	232	5,418

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."



**Table 8. PAD District 1 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2010**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b> .....	20	--	--	1,133	23	-32	-5	1,143	7	0
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b> .....	23	0	45	57	47	--	4	15	6	147
Pentanes Plus .....	4	0	--	--	-3	--	0	0	0	1
Liquefied Petroleum Gases .....	19	--	45	57	50	--	4	15	5	146
Ethane/Ethylene .....	0	--	0	--	--	--	0	--	--	1
Propane/Propylene .....	13	--	38	49	47	--	0	--	1	145
Normal Butane/Butylene .....	4	--	7	3	2	--	3	5	4	4
Isobutane/Isobutylene .....	2	--	-1	5	1	--	0	11	--	-4
<b>Other Liquids</b> .....	--	18	--	793	1,218	162	0	2,200	2	-11
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	18	--	3	312	-35	0	298	0	0
Hydrogen .....	--	--	--	--	--	1	--	1	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	0	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) .....	--	18	--	1	312	-33	0	297	--	0
Fuel Ethanol .....	--	18	--	1	307	-29	0	296	--	0
Renewable Fuels Except Fuel Ethanol .....	--	--	--	0	5	-4	0	1	--	0
Other Hydrocarbons .....	--	--	--	2	--	-2	--	--	--	0
Unfinished Oils .....	--	--	--	87	-2	--	-6	102	--	-11
Motor Gasoline Blend.Comp. (MGBC) .....	--	0	--	703	907	196	5	1,799	2	0
Reformulated .....	--	--	--	190	275	44	0	509	0	0
Conventional .....	--	0	--	513	633	153	5	1,290	2	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	0	3,371	610	1,745	-167	-12	--	163	5,409
Finished Motor Gasoline .....	--	0	2,684	87	621	-167	-33	--	6	3,253
Reformulated .....	--	--	1,227	--	4	21	0	--	0	1,251
Conventional .....	--	0	1,457	87	618	-188	-33	--	5	2,002
Finished Aviation Gasoline .....	--	--	--	0	3	--	0	--	--	3
Kerosene-Type Jet Fuel .....	--	--	67	48	436	--	3	--	2	545
Kerosene .....	--	--	6	2	0	--	3	--	0	6
Distillate Fuel Oil <sup>6</sup> .....	--	--	376	195	635	0	10	--	69	1,127
15 ppm sulfur and under <sup>7</sup> .....	--	--	230	104	463	-3	1	--	8	785
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup> .....	--	--	5	29	55	3	-9	--	54	47
Greater than 500 ppm sulfur .....	--	--	141	62	118	--	18	--	7	295
Residual Fuel Oil <sup>8</sup> .....	--	--	71	248	7	--	6	--	61	260
Less than 0.31 percent sulfur .....	--	--	23	50	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	21	35	0	--	-4	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	28	163	6	--	9	--	NA	NA
Petrochemical Feedstocks .....	--	--	11	3	3	--	0	--	--	17
Naphtha for Petro. Feed. Use .....	--	--	11	3	4	--	0	--	--	18
Other Oils for Petro. Feed. Use .....	--	--	--	0	-1	--	--	--	--	0
Special Naphthas .....	--	--	1	1	0	--	0	--	2	0
Lubricants .....	--	--	14	3	20	--	-1	--	4	33
Waxes .....	--	--	0	2	0	--	0	--	2	1
Petroleum Coke .....	--	--	34	9	--	--	0	--	11	33
Marketable .....	--	--	9	9	--	--	0	--	11	7
Catalyst .....	--	--	25	--	--	--	--	--	--	25
Asphalt and Road Oil .....	--	--	66	10	20	--	1	--	5	91
Still Gas .....	--	--	39	--	--	--	--	--	--	39
Miscellaneous Products .....	--	--	1	0	0	--	0	--	1	1
<b>Total</b> .....	43	18	3,416	2,593	3,033	-37	-14	3,358	177	5,544

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

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<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 9. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2010**  
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	Ending Stocks
<b>Crude Oil</b>	<b>22,401</b>	--	--	<b>34,277</b>	<b>27,675</b>	<b>9,601</b>	<b>-1,673</b>	<b>94,946</b>	<b>681</b>	<b>0</b>	<b>90,951</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	<b>11,925</b>	<b>-522</b>	<b>1,534</b>	<b>2,422</b>	<b>372</b>	--	<b>-835</b>	<b>3,482</b>	<b>514</b>	<b>12,570</b>	<b>52,289</b>
Pentanes Plus	1,239	-522	--	7	1,925	--	11	1,218	63	1,357	3,824
Liquefied Petroleum Gases	10,686	--	1,534	2,415	-1,553	--	-846	2,264	451	11,213	48,465
Ethane/Ethylene	4,974	--	--	11	-3,281	--	-349	--	--	2,053	4,538
Propane/Propylene	3,697	--	2,760	1,915	1,191	--	840	--	13	8,710	26,506
Normal Butane/Butylene	1,245	--	-1,279	335	39	--	-1,795	1,234	438	463	15,196
Isobutane/Isobutylene	770	--	53	154	498	--	458	1,030	--	-13	2,225
<b>Other Liquids</b>	--	<b>25,339</b>	--	<b>168</b>	<b>-9,566</b>	<b>-272</b>	<b>-360</b>	<b>17,059</b>	<b>66</b>	<b>-1,096</b>	<b>46,535</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	25,340	--	74	-17,089	-335	564	7,425	1	0	6,530
Hydrogen	--	--	--	--	--	419	--	419	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	25,340	--	18	-17,089	-745	570	6,954	--	0	6,499
Fuel Ethanol	--	25,340	--	--	-17,254	-711	572	6,803	--	0	6,429
Renewable Fuels Except Fuel Ethanol	--	--	--	18	165	-34	-2	151	--	0	70
Other Hydrocarbons	--	--	--	56	--	-10	-6	52	--	0	31
Unfinished Oils	--	--	--	8	526	--	842	788	--	-1,096	14,016
Motor Gasoline Blend. Comp. (MGBC)	--	-1	--	86	6,997	63	-1,766	8,846	65	0	25,989
Reformulated	--	--	--	2	2,355	-974	-1,399	2,782	--	0	5,897
Conventional	--	-1	--	84	4,642	1,037	-367	6,064	65	0	20,092
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	<b>5</b>	<b>119,430</b>	<b>976</b>	<b>17,308</b>	<b>647</b>	<b>-5,634</b>	--	<b>1,206</b>	<b>142,794</b>	<b>72,136</b>
Finished Motor Gasoline	--	5	67,894	56	10,256	647	-94	--	104	78,848	24,690
Reformulated	--	--	11,158	--	--	1,131	--	--	1	12,289	--
Conventional	--	5	56,736	56	10,256	-484	-94	--	103	66,560	24,690
Finished Aviation Gasoline	--	--	82	3	20	--	20	--	--	85	142
Kerosene-Type Jet Fuel	--	--	6,806	--	1,856	--	231	--	90	8,341	8,444
Kerosene	--	--	-14	1	--	--	-29	--	2	14	162
Distillate Fuel Oil	--	--	29,236	222	6,096	0	-4,016	--	84	39,486	27,969
15 ppm sulfur and under <sup>6</sup>	--	--	27,735	191	6,277	-91	-3,950	--	0	38,062	25,511
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup>	--	--	921	31	-181	91	66	--	0	796	1,301
Greater than 500 ppm sulfur	--	--	580	--	--	--	-132	--	84	628	1,157
Residual Fuel Oil <sup>7</sup>	--	--	1,334	76	-817	--	93	--	111	389	1,523
Less than 0.31 percent sulfur	--	--	1	2	--	--	40	--	NA	NA	136
0.31 to 1.00 percent sulfur	--	--	224	71	--	--	-3	--	NA	NA	242
Greater than 1.00 percent sulfur	--	--	1,109	3	-817	--	56	--	NA	NA	1,145
Petrochemical Feedstocks	--	--	993	95	74	--	-99	--	--	1,261	424
Naphtha for Petro. Feed. Use	--	--	802	64	35	--	-89	--	--	990	325
Other Oils for Petro. Feed. Use	--	--	191	31	39	--	-10	--	--	271	99
Special Naphthas	--	--	-21	26	28	--	-13	--	0	46	152
Lubricants	--	--	253	236	450	--	-21	--	191	769	667
Waxes	--	--	45	2	--	--	-5	--	15	37	28
Petroleum Coke	--	--	3,952	76	--	--	-9	--	264	3,773	707
Marketable	--	--	2,732	76	--	--	-9	--	264	2,553	707
Catalyst	--	--	1,220	--	--	--	--	--	--	1,220	--
Asphalt and Road Oil	--	--	5,008	179	-669	--	-1,716	--	344	5,890	7,080
Still Gas	--	--	3,516	--	--	--	--	--	--	3,516	--
Miscellaneous Products	--	--	346	4	14	--	24	--	1	339	148
<b>Total</b>	<b>34,326</b>	<b>24,822</b>	<b>120,964</b>	<b>37,843</b>	<b>35,789</b>	<b>9,977</b>	<b>-8,502</b>	<b>115,487</b>	<b>2,466</b>	<b>154,269</b>	<b>261,911</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 10. PAD District 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2010**  
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	Ending Stocks
<b>Crude Oil</b> .....	<b>200,900</b>	--	--	<b>364,827</b>	<b>382,366</b>	<b>61,220</b>	<b>1,679</b>	<b>997,616</b>	<b>10,018</b>	<b>0</b>	<b>90,951</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b> .....	<b>108,744</b>	<b>-4,919</b>	<b>39,019</b>	<b>19,045</b>	<b>3,658</b>	--	<b>17,569</b>	<b>30,607</b>	<b>6,652</b>	<b>110,719</b>	<b>52,289</b>
Pentanes Plus .....	11,096	-4,919	--	74	17,674	--	1,394	12,501	4,134	5,896	3,824
Liquefied Petroleum Gases .....	97,648	--	39,019	18,971	-14,016	--	16,175	18,106	2,518	104,823	48,465
Ethane/Ethylene .....	45,233	--	--	113	-29,238	--	1,509	--	--	14,599	4,538
Propane/Propylene .....	34,050	--	32,007	15,353	6,936	--	7,244	--	468	80,634	26,506
Normal Butane/Butylene .....	11,185	--	6,913	2,189	2,847	--	7,053	5,812	2,050	8,219	15,196
Isobutane/Isobutylene .....	7,180	--	99	1,316	5,439	--	369	12,294	--	1,371	2,225
<b>Other Liquids</b> .....	--	<b>240,838</b>	--	<b>1,177</b>	<b>-102,629</b>	<b>-11,203</b>	<b>2,755</b>	<b>129,931</b>	<b>415</b>	<b>-4,918</b>	<b>46,535</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	240,854	--	748	-167,963	-1,571	431	71,624	13	0	6,530
Hydrogen .....	--	--	--	--	--	4,665	--	4,665	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	0	13	--	--	13	0	--
Renewable Fuels (including Fuel Ethanol) .....	--	240,854	--	138	-167,963	-6,130	429	66,470	--	0	6,499
Fuel Ethanol .....	--	240,854	--	--	-168,569	-6,452	475	65,358	--	0	6,429
Renewable Fuels Except Fuel Ethanol .....	--	--	--	138	606	322	-46	1,112	--	0	70
Other Hydrocarbons .....	--	--	--	610	--	-119	2	489	--	0	31
Unfinished Oils .....	--	--	--	185	5,422	--	1,333	9,192	--	-4,918	14,016
Motor Gasoline Blend. Comp. (MGBC) .....	--	-16	--	244	59,912	-9,632	991	49,115	402	0	25,989
Reformulated .....	--	-5	--	9	21,271	-6,380	-171	15,065	--	0	5,897
Conventional .....	--	-11	--	235	38,641	-3,252	1,162	34,050	401	0	20,092
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	<b>24</b>	<b>1,179,264</b>	<b>9,223</b>	<b>162,602</b>	<b>16,084</b>	<b>-9,554</b>	--	<b>11,155</b>	<b>1,365,595</b>	<b>72,136</b>
Finished Motor Gasoline .....	--	24	658,668	476	92,210	16,084	-3,227	--	1,032	769,657	24,690
Reformulated .....	--	--	110,223	--	--	7,185	--	--	66	117,342	--
Conventional .....	--	24	548,445	476	92,210	8,899	-3,227	--	966	652,315	24,690
Finished Aviation Gasoline .....	--	--	793	21	663	--	-5	--	--	1,482	142
Kerosene-Type Jet Fuel .....	--	--	66,215	--	11,664	--	-2	--	1,109	76,772	8,444
Kerosene .....	--	--	113	3	157	--	1	--	25	247	162
Distillate Fuel Oil .....	--	--	289,177	2,104	59,087	0	-4,432	--	1,127	353,673	27,969
15 ppm sulfur and under <sup>6</sup> .....	--	--	271,366	1,736	52,671	-1,006	-2,557	--	1	327,323	25,511
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	11,427	306	3,796	1,006	-1,690	--	517	17,708	1,301
Greater than 500 ppm sulfur .....	--	--	6,384	62	2,620	--	-185	--	610	8,641	1,157
Residual Fuel Oil <sup>7</sup> .....	--	--	13,405	769	-5,884	--	268	--	1,163	6,859	1,523
Less than 0.31 percent sulfur .....	--	--	9	21	--	--	114	--	NA	NA	136
0.31 to 1.00 percent sulfur .....	--	--	1,818	670	--	--	50	--	NA	NA	242
Greater than 1.00 percent sulfur .....	--	--	11,578	78	-5,884	--	104	--	NA	NA	1,145
Petrochemical Feedstocks .....	--	--	11,269	1,310	1,046	--	40	--	--	13,585	424
Naphtha for Petro. Feed. Use .....	--	--	8,266	841	569	--	23	--	--	9,653	325
Other Oils for Petro. Feed. Use .....	--	--	3,003	469	477	--	17	--	--	3,932	99
Special Naphthas .....	--	--	-451	343	328	--	21	--	10	189	152
Lubricants .....	--	--	2,268	2,073	5,910	--	-30	--	1,567	8,714	667
Waxes .....	--	--	474	53	--	--	7	--	330	190	28
Petroleum Coke .....	--	--	43,516	567	--	--	-1,419	--	2,396	43,106	707
Marketable .....	--	--	29,862	567	--	--	-1,419	--	2,396	29,452	707
Catalyst .....	--	--	13,654	--	--	--	--	--	--	13,654	--
Asphalt and Road Oil .....	--	--	51,194	1,449	-2,571	--	-791	--	2,385	48,478	7,080
Still Gas .....	--	--	38,899	--	--	--	--	--	--	38,899	--
Miscellaneous Products .....	--	--	3,724	55	-8	--	15	--	10	3,746	148
<b>Total</b> .....	<b>309,644</b>	<b>235,943</b>	<b>1,218,283</b>	<b>394,272</b>	<b>445,997</b>	<b>66,101</b>	<b>12,449</b>	<b>1,158,154</b>	<b>28,240</b>	<b>1,471,396</b>	<b>261,911</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."



**Table 11. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2010**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b> .....	<b>723</b>	<b>--</b>	<b>--</b>	<b>1,106</b>	<b>893</b>	<b>310</b>	<b>-54</b>	<b>3,063</b>	<b>22</b>	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b> .....	<b>385</b>	<b>-17</b>	<b>49</b>	<b>78</b>	<b>12</b>	<b>--</b>	<b>-27</b>	<b>112</b>	<b>17</b>	<b>405</b>
Pentanes Plus .....	40	-17	--	0	62	--	0	39	2	44
Liquefied Petroleum Gases .....	345	--	49	78	-50	--	-27	73	15	362
Ethane/Ethylene .....	160	--	--	0	-106	--	-11	--	--	66
Propane/Propylene .....	119	--	89	62	38	--	27	--	0	281
Normal Butane/Butylene .....	40	--	-41	11	1	--	-58	40	14	15
Isobutane/Isobutylene .....	25	--	2	5	16	--	15	33	--	0
<b>Other Liquids</b> .....	<b>--</b>	<b>817</b>	<b>--</b>	<b>5</b>	<b>-309</b>	<b>-9</b>	<b>-12</b>	<b>550</b>	<b>2</b>	<b>-35</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	817	--	2	-551	-11	18	240	0	0
Hydrogen .....	--	--	--	--	--	14	--	14	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) .....	--	817	--	1	-551	-24	18	224	--	0
Fuel Ethanol .....	--	817	--	--	-557	-23	18	219	--	0
Renewable Fuels Except Fuel Ethanol .....	--	--	--	1	5	-1	0	5	--	0
Other Hydrocarbons .....	--	--	--	2	--	0	0	2	--	0
Unfinished Oils .....	--	--	--	0	17	--	27	25	--	-35
Motor Gasoline Blend.Comp. (MGBC) .....	--	0	--	3	226	2	-57	285	2	0
Reformulated .....	--	--	--	0	76	-31	-45	90	--	0
Conventional .....	--	0	--	3	150	33	-12	196	2	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	<b>--</b>	<b>0</b>	<b>3,853</b>	<b>31</b>	<b>558</b>	<b>21</b>	<b>-182</b>	<b>--</b>	<b>39</b>	<b>4,606</b>
Finished Motor Gasoline .....	--	0	2,190	2	331	21	-3	--	3	2,543
Reformulated .....	--	--	360	--	--	36	--	--	0	396
Conventional .....	--	0	1,830	2	331	-16	-3	--	3	2,147
Finished Aviation Gasoline .....	--	--	3	0	1	--	1	--	--	3
Kerosene-Type Jet Fuel .....	--	--	220	--	60	--	7	--	3	269
Kerosene .....	--	--	0	0	--	--	-1	--	0	0
Distillate Fuel Oil .....	--	--	943	7	197	0	-130	--	3	1,274
15 ppm sulfur and under <sup>6</sup> .....	--	--	895	6	202	-3	-127	--	0	1,228
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	30	1	-6	3	2	--	0	26
Greater than 500 ppm sulfur .....	--	--	19	--	--	--	-4	--	3	20
Residual Fuel Oil <sup>7</sup> .....	--	--	43	2	-26	--	3	--	4	13
Less than 0.31 percent sulfur .....	--	--	0	0	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	7	2	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	36	0	-26	--	2	--	NA	NA
Petrochemical Feedstocks .....	--	--	32	3	2	--	-3	--	--	41
Naphtha for Petro. Feed. Use .....	--	--	26	2	1	--	-3	--	--	32
Other Oils for Petro. Feed. Use .....	--	--	6	1	1	--	0	--	--	9
Special Naphthas .....	--	--	-1	1	1	--	0	--	0	1
Lubricants .....	--	--	8	8	15	--	-1	--	6	25
Waxes .....	--	--	1	0	--	--	0	--	0	1
Petroleum Coke .....	--	--	127	2	--	--	0	--	9	122
Marketable .....	--	--	88	2	--	--	0	--	9	82
Catalyst .....	--	--	39	--	--	--	--	--	--	39
Asphalt and Road Oil .....	--	--	162	6	-22	--	-55	--	11	190
Still Gas .....	--	--	113	--	--	--	--	--	--	113
Miscellaneous Products .....	--	--	11	0	0	--	1	--	0	11
<b>Total</b> .....	<b>1,107</b>	<b>801</b>	<b>3,902</b>	<b>1,221</b>	<b>1,154</b>	<b>322</b>	<b>-274</b>	<b>3,725</b>	<b>80</b>	<b>4,976</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 12. PAD District 2 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2010**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b> .....	<b>661</b>	--	--	<b>1,200</b>	<b>1,258</b>	<b>201</b>	<b>6</b>	<b>3,282</b>	<b>33</b>	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b> .....	<b>358</b>	<b>-16</b>	<b>128</b>	<b>63</b>	<b>12</b>	--	<b>58</b>	<b>101</b>	<b>22</b>	<b>364</b>
Pentanes Plus .....	37	-16	--	0	58	--	5	41	14	19
Liquefied Petroleum Gases .....	321	--	128	62	-46	--	53	60	8	345
Ethane/Ethylene .....	149	--	--	0	-96	--	5	--	--	48
Propane/Propylene .....	112	--	105	51	23	--	24	--	2	265
Normal Butane/Butylene .....	37	--	23	7	9	--	23	19	7	27
Isobutane/Isobutylene .....	24	--	0	4	18	--	1	40	--	5
<b>Other Liquids</b> .....	--	<b>792</b>	--	<b>4</b>	<b>-338</b>	<b>-37</b>	<b>9</b>	<b>427</b>	<b>1</b>	<b>-16</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	792	--	2	-553	-5	1	236	0	0
Hydrogen .....	--	--	--	--	--	15	--	15	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	0	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) .....	--	792	--	0	-553	-20	1	219	--	0
Fuel Ethanol .....	--	792	--	--	-555	-21	2	215	--	0
Renewable Fuels Except Fuel Ethanol .....	--	--	--	0	2	1	0	4	--	0
Other Hydrocarbons .....	--	--	--	2	--	0	0	2	--	0
Unfinished Oils .....	--	--	--	1	18	--	4	30	--	-16
Motor Gasoline Blend.Comp. (MGBC) .....	--	0	--	1	197	-32	3	162	1	0
Reformulated .....	--	0	--	0	70	-21	-1	50	--	0
Conventional .....	--	0	--	1	127	-11	4	112	1	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	<b>0</b>	<b>3,879</b>	<b>30</b>	<b>535</b>	<b>53</b>	<b>-31</b>	--	<b>37</b>	<b>4,492</b>
Finished Motor Gasoline .....	--	0	2,167	2	303	53	-11	--	3	2,532
Reformulated .....	--	--	363	--	--	24	--	--	0	386
Conventional .....	--	0	1,804	2	303	29	-11	--	3	2,146
Finished Aviation Gasoline .....	--	--	3	0	2	--	0	--	--	5
Kerosene-Type Jet Fuel .....	--	--	218	--	38	--	0	--	4	253
Kerosene .....	--	--	0	0	1	--	0	--	0	1
Distillate Fuel Oil .....	--	--	951	7	194	0	-15	--	4	1,163
15 ppm sulfur and under <sup>6</sup> .....	--	--	893	6	173	-3	-8	--	0	1,077
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	38	1	12	3	-6	--	2	58
Greater than 500 ppm sulfur .....	--	--	21	0	9	--	-1	--	2	28
Residual Fuel Oil <sup>7</sup> .....	--	--	44	3	-19	--	1	--	4	23
Less than 0.31 percent sulfur .....	--	--	0	0	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	6	2	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	38	0	-19	--	0	--	NA	NA
Petrochemical Feedstocks .....	--	--	37	4	3	--	0	--	--	45
Naphtha for Petro. Feed. Use .....	--	--	27	3	2	--	0	--	--	32
Other Oils for Petro. Feed. Use .....	--	--	10	2	2	--	0	--	--	13
Special Naphthas .....	--	--	-1	1	1	--	0	--	0	1
Lubricants .....	--	--	7	7	19	--	0	--	5	29
Waxes .....	--	--	2	0	--	--	0	--	1	1
Petroleum Coke .....	--	--	143	2	--	--	-5	--	8	142
Marketable .....	--	--	98	2	--	--	-5	--	8	97
Catalyst .....	--	--	45	--	--	--	--	--	--	45
Asphalt and Road Oil .....	--	--	168	5	-8	--	-3	--	8	159
Still Gas .....	--	--	128	--	--	--	--	--	--	128
Miscellaneous Products .....	--	--	12	0	0	--	0	--	0	12
<b>Total</b> .....	<b>1,019</b>	<b>776</b>	<b>4,008</b>	<b>1,297</b>	<b>1,467</b>	<b>217</b>	<b>41</b>	<b>3,810</b>	<b>93</b>	<b>4,840</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 13. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2010**  
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	Ending Stocks
<b>Crude Oil<sup>6</sup></b>	<b>101,240</b>	--	--	<b>152,486</b>	<b>-24,463</b>	<b>-1,920</b>	<b>3,395</b>	<b>223,948</b>	--	<b>0</b>	<b>917,207</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	<b>38,406</b>	<b>-13</b>	<b>10,594</b>	<b>339</b>	<b>6,432</b>	--	<b>-1,413</b>	<b>8,800</b>	<b>3,882</b>	<b>44,489</b>	<b>82,313</b>
Pentanes Plus	5,068	-13	--	107	-685	--	266	3,487	--	724	8,120
Liquefied Petroleum Gases	33,338	--	10,594	232	7,117	--	-1,679	5,313	3,882	43,765	74,193
Ethane/Ethylene	16,216	--	540	--	8,100	--	165	--	--	24,691	18,238
Propane/Propylene	10,883	--	10,767	54	-1,736	--	-609	--	3,491	17,086	27,761
Normal Butane/Butylene	2,077	--	-562	178	622	--	-1,264	2,365	390	824	22,393
Isobutane/Isobutylene	4,162	--	-151	--	131	--	29	2,948	--	1,165	5,801
<b>Other Liquids</b>	--	<b>2,337</b>	--	<b>19,697</b>	<b>-39,595</b>	<b>-5,477</b>	<b>493</b>	<b>-28,100</b>	<b>2,596</b>	<b>1,973</b>	<b>94,667</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	2,337	--	92	3,025	3,833	40	7,662	1,585	0	3,495
Hydrogen	--	--	--	--	--	4,065	--	4,065	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,750	--	--	--	-136	-45	74	1,585	0	741
Renewable Fuels (including Fuel Ethanol)	--	587	--	--	3,025	-4	85	3,523	--	0	2,754
Fuel Ethanol	--	587	--	--	3,369	-368	65	3,523	--	0	2,591
Renewable Fuels Except Fuel Ethanol	--	--	--	--	-344	364	20	--	--	0	163
Other Hydrocarbons	--	--	--	92	--	-92	--	--	--	0	--
Unfinished Oils	--	--	--	17,417	-470	--	-134	15,108	--	1,973	42,584
Motor Gasoline Blend. Comp. (MGBC)	--	--	--	2,188	-42,150	-9,311	590	-50,873	1,010	0	48,584
Reformulated	--	--	--	--	-12,056	2,161	913	-10,857	--	0	12,634
Conventional	--	--	--	2,188	-30,094	-11,472	-323	-40,016	961	0	35,950
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-3	3	--	0	4
<b>Finished Petroleum Products</b>	--	--	<b>211,852</b>	<b>8,220</b>	<b>-73,173</b>	<b>9,679</b>	<b>-3,283</b>	--	<b>50,812</b>	<b>109,049</b>	<b>123,494</b>
Finished Motor Gasoline	--	--	67,225	727	-26,270	9,679	-1,988	--	7,292	46,057	23,886
Reformulated	--	--	12,599	--	--	-1,290	111	--	5	11,193	134
Conventional	--	--	54,626	727	-26,270	10,969	-2,099	--	7,287	34,864	23,752
Finished Aviation Gasoline	--	--	352	--	-80	--	-69	--	--	341	472
Kerosene-Type Jet Fuel	--	--	20,091	726	-16,318	--	-1,241	--	1,179	4,561	15,770
Kerosene	--	--	391	--	--	--	9	--	1	381	282
Distillate Fuel Oil	--	--	73,629	164	-30,115	0	-888	--	21,284	23,282	47,018
15 ppm sulfur and under <sup>7</sup>	--	--	58,851	--	-25,591	-815	124	--	14,437	17,884	36,418
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	6,611	--	-1,539	815	-579	--	5,949	517	4,150
Greater than 500 ppm sulfur	--	--	8,167	164	-2,985	--	-433	--	897	4,882	6,450
Residual Fuel Oil <sup>8</sup>	--	--	9,427	1,562	803	--	1,124	--	7,898	2,770	19,805
Less than 0.31 percent sulfur	--	--	843	--	--	--	-177	--	NA	NA	1,677
0.31 to 1.00 percent sulfur	--	--	790	--	--	--	149	--	NA	NA	2,605
Greater than 1.00 percent sulfur	--	--	7,794	1,562	803	--	1,152	--	NA	NA	15,523
Petrochemical Feedstocks	--	--	7,140	3,918	-326	--	116	--	--	10,616	2,015
Naphtha for Petro. Feed. Use	--	--	4,072	1,134	-287	--	-25	--	--	4,944	1,059
Other Oils for Petro. Feed. Use	--	--	3,068	2,784	-39	--	141	--	--	5,672	956
Special Naphthas	--	--	1,431	299	-28	--	-26	--	1,062	666	1,019
Lubricants	--	--	3,230	788	-864	--	-404	--	1,333	2,225	4,223
Waxes	--	--	107	36	--	--	-58	--	61	140	268
Petroleum Coke	--	--	14,720	--	--	--	396	--	10,387	3,937	5,209
Marketable	--	--	11,101	--	--	--	396	--	10,387	318	5,209
Catalyst	--	--	3,619	--	--	--	--	--	--	3,619	--
Asphalt and Road Oil	--	--	2,375	--	39	--	-254	--	303	2,365	3,223
Still Gas	--	--	10,369	--	--	--	--	--	--	10,369	--
Miscellaneous Products	--	--	1,365	--	-14	--	0	--	12	1,339	304
<b>Total</b>	<b>139,646</b>	<b>2,324</b>	<b>222,446</b>	<b>180,742</b>	<b>-130,799</b>	<b>2,282</b>	<b>-808</b>	<b>204,648</b>	<b>57,289</b>	<b>155,511</b>	<b>1,217,681</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 14. PAD District 3 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2010**  
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	Ending Stocks
<b>Crude Oil<sup>6</sup></b>	<b>984,275</b>	--	--	<b>1,666,065</b>	<b>-350,164</b>	<b>-19,330</b>	<b>32,035</b>	<b>2,247,862</b>	<b>949</b>	<b>0</b>	<b>917,207</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	<b>366,585</b>	<b>-119</b>	<b>133,646</b>	<b>5,891</b>	<b>75,824</b>	--	<b>15,484</b>	<b>69,966</b>	<b>31,134</b>	<b>465,243</b>	<b>82,313</b>
Pentanes Plus	47,835	-119	--	3,173	-6,083	--	226	28,213	127	16,240	8,120
Liquefied Petroleum Gases	318,750	--	133,646	2,718	81,907	--	15,258	41,753	31,007	449,003	74,193
Ethane/Ethylene	156,008	--	6,180	--	78,349	--	736	--	--	239,801	18,238
Propane/Propylene	103,123	--	108,994	144	-710	--	2,657	--	29,151	179,743	27,761
Normal Butane/Butylene	19,088	--	20,217	2,401	3,725	--	10,183	14,729	1,855	18,664	22,393
Isobutane/Isobutylene	40,531	--	-1,745	173	543	--	1,682	27,024	--	10,796	5,801
<b>Other Liquids</b>	--	<b>22,479</b>	--	<b>157,820</b>	<b>-333,820</b>	<b>-43,594</b>	<b>13,381</b>	<b>-250,881</b>	<b>26,901</b>	<b>13,484</b>	<b>94,667</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	22,479	--	568	27,855	29,389	-568	64,124	16,736	0	3,495
Hydrogen	--	--	--	--	--	31,631	--	31,631	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	16,976	--	--	0	-748	-810	303	16,736	0	741
Renewable Fuels (including Fuel Ethanol)	--	5,503	--	--	27,855	-926	242	32,190	--	0	2,754
Fuel Ethanol	--	5,503	--	--	30,005	-3,172	152	32,184	--	0	2,591
Renewable Fuels Except Fuel Ethanol	--	--	--	--	-2,150	2,246	90	6	--	0	163
Other Hydrocarbons	--	--	--	568	--	-568	--	--	--	0	--
Unfinished Oils	--	--	--	141,422	-4,843	--	5,212	117,835	--	13,532	42,584
Motor Gasoline Blend. Comp. (MGBC)	--	--	--	15,830	-356,832	-72,984	8,749	-432,900	10,165	0	48,584
Reformulated	--	--	--	--	-112,948	527	1,367	-114,189	--	0	12,634
Conventional	--	--	--	15,830	-243,884	-73,510	7,382	-318,711	9,765	0	35,950
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-12	60	--	-48	4
<b>Finished Petroleum Products</b>	--	--	<b>2,112,618</b>	<b>86,718</b>	<b>-733,765</b>	<b>76,156</b>	<b>-6,837</b>	--	<b>463,125</b>	<b>1,085,438</b>	<b>123,494</b>
Finished Motor Gasoline	--	--	706,235	10,942	-303,849	76,156	-7,760	--	64,867	432,377	23,886
Reformulated	--	--	120,545	--	-14,772	4,559	-36	--	34	110,334	134
Conventional	--	--	585,690	10,942	-289,077	71,596	-7,724	--	64,833	322,042	23,752
Finished Aviation Gasoline	--	--	3,195	--	-1,501	--	-27	--	--	1,721	472
Kerosene-Type Jet Fuel	--	--	218,695	1,400	-153,846	--	1,644	--	14,398	50,207	15,770
Kerosene	--	--	1,983	--	-14	--	30	--	217	1,722	282
Distillate Fuel Oil	--	--	656,047	2,855	-262,043	0	-499	--	159,941	237,417	47,018
15 ppm sulfur and under <sup>7</sup>	--	--	494,759	--	-203,039	-6,188	862	--	77,647	207,023	36,418
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	85,262	229	-20,455	6,188	-2,709	--	74,206	-273	4,150
Greater than 500 ppm sulfur	--	--	76,026	2,626	-38,549	--	1,348	--	8,089	30,666	6,450
Residual Fuel Oil <sup>8</sup>	--	--	102,754	22,183	4,343	--	337	--	99,996	28,947	19,805
Less than 0.31 percent sulfur	--	--	6,996	2,783	--	--	1,311	--	NA	NA	1,677
0.31 to 1.00 percent sulfur	--	--	7,404	2,928	-130	--	-2,424	--	NA	NA	2,605
Greater than 1.00 percent sulfur	--	--	88,354	16,472	4,473	--	1,450	--	NA	NA	15,523
Petrochemical Feedstocks	--	--	85,059	40,249	-2,025	--	354	--	--	122,929	2,015
Naphtha for Petro. Feed. Use	--	--	52,999	12,775	-1,710	--	230	--	--	63,834	1,059
Other Oils for Petro. Feed. Use	--	--	32,060	27,474	-315	--	124	--	--	59,095	956
Special Naphthas	--	--	11,063	2,906	-358	--	111	--	8,672	4,828	1,019
Lubricants	--	--	36,986	4,925	-10,855	--	-1,477	--	13,245	19,288	4,223
Waxes	--	--	1,883	349	-68	--	9	--	635	1,520	268
Petroleum Coke	--	--	141,248	909	--	--	1,007	--	97,616	43,534	5,209
Marketable	--	--	105,469	909	--	--	1,007	--	97,616	7,755	5,209
Catalyst	--	--	35,779	--	--	--	--	--	--	35,779	--
Asphalt and Road Oil	--	--	27,253	--	-3,547	--	-585	--	3,388	20,903	3,223
Still Gas	--	--	106,619	--	--	--	--	--	--	106,619	--
Miscellaneous Products	--	--	13,598	--	-2	--	19	--	148	13,429	304
<b>Total</b>	<b>1,350,860</b>	<b>22,360</b>	<b>2,246,264</b>	<b>1,916,494</b>	<b>-1,341,925</b>	<b>13,231</b>	<b>54,063</b>	<b>2,066,947</b>	<b>522,109</b>	<b>1,564,166</b>	<b>1,217,681</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 15. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2010**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil<sup>6</sup></b>	<b>3,266</b>	--	--	<b>4,919</b>	<b>-789</b>	<b>-62</b>	<b>110</b>	<b>7,224</b>	<b>-</b>	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b>	<b>1,239</b>	<b>0</b>	<b>342</b>	<b>11</b>	<b>207</b>	--	<b>-46</b>	<b>284</b>	<b>125</b>	<b>1,435</b>
Pentanes Plus	163	0	--	3	-22	--	9	112	--	23
Liquefied Petroleum Gases	1,075	--	342	7	230	--	-54	171	125	1,412
Ethane/Ethylene	523	--	17	--	261	--	5	--	--	796
Propane/Propylene	351	--	347	2	-56	--	-20	--	113	551
Normal Butane/Butylene	67	--	-18	6	20	--	-41	76	13	27
Isobutane/Isobutylene	134	--	-5	--	4	--	1	95	--	38
<b>Other Liquids</b>	<b>--</b>	<b>75</b>	<b>--</b>	<b>635</b>	<b>-1,277</b>	<b>-177</b>	<b>16</b>	<b>-906</b>	<b>84</b>	<b>64</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	75	--	3	98	124	1	247	51	0
Hydrogen	--	--	--	--	--	131	--	131	--	0
Oxygenates (excluding Fuel Ethanol)	--	56	--	--	--	-4	-1	2	51	0
Renewable Fuels (including Fuel Ethanol)	--	19	--	--	98	0	3	114	--	0
Fuel Ethanol	--	19	--	--	109	-12	2	114	--	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	-11	12	1	--	--	0
Other Hydrocarbons	--	--	--	3	--	-3	--	--	--	0
Unfinished Oils	--	--	--	562	-15	--	-4	487	--	64
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	71	-1,360	-300	19	-1,641	33	0
Reformulated	--	--	--	--	-389	70	29	-350	--	0
Conventional	--	--	--	71	-971	-370	-10	-1,291	31	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b>	<b>--</b>	<b>--</b>	<b>6,834</b>	<b>265</b>	<b>-2,360</b>	<b>312</b>	<b>-106</b>	<b>--</b>	<b>1,639</b>	<b>3,518</b>
Finished Motor Gasoline	--	--	2,169	23	-847	312	-64	--	235	1,486
Reformulated	--	--	406	--	--	-42	4	--	0	361
Conventional	--	--	1,762	23	-847	354	-68	--	235	1,125
Finished Aviation Gasoline	--	--	11	--	-3	--	-2	--	--	11
Kerosene-Type Jet Fuel	--	--	648	23	-526	--	-40	--	38	147
Kerosene	--	--	13	--	--	--	0	--	0	12
Distillate Fuel Oil	--	--	2,375	5	-971	0	-29	--	687	751
15 ppm sulfur and under <sup>7</sup>	--	--	1,898	--	-826	-26	4	--	466	577
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	213	--	-50	26	-19	--	192	17
Greater than 500 ppm sulfur	--	--	263	5	-96	--	-14	--	29	157
Residual Fuel Oil <sup>8</sup>	--	--	304	50	26	--	36	--	255	89
Less than 0.31 percent sulfur	--	--	27	--	--	--	-6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	25	--	--	--	5	--	NA	NA
Greater than 1.00 percent sulfur	--	--	251	50	26	--	37	--	NA	NA
Petrochemical Feedstocks	--	--	230	126	-11	--	4	--	--	342
Naphtha for Petro. Feed. Use	--	--	131	37	-9	--	-1	--	--	159
Other Oils for Petro. Feed. Use	--	--	99	90	-1	--	5	--	--	183
Special Naphthas	--	--	46	10	-1	--	-1	--	34	21
Lubricants	--	--	104	25	-28	--	-13	--	43	72
Waxes	--	--	3	1	--	--	-2	--	2	5
Petroleum Coke	--	--	475	--	--	--	13	--	335	127
Marketable	--	--	358	--	--	--	13	--	335	10
Catalyst	--	--	117	--	--	--	--	--	--	117
Asphalt and Road Oil	--	--	77	--	1	--	-8	--	10	76
Still Gas	--	--	334	--	--	--	--	--	--	334
Miscellaneous Products	--	--	44	--	0	--	0	--	0	43
<b>Total</b>	<b>4,505</b>	<b>75</b>	<b>7,176</b>	<b>5,830</b>	<b>-4,219</b>	<b>74</b>	<b>-26</b>	<b>6,602</b>	<b>1,848</b>	<b>5,016</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."



**Table 16. PAD District 3 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2010**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil<sup>6</sup></b>	<b>3,238</b>	--	--	<b>5,480</b>	<b>-1,152</b>	<b>-64</b>	<b>105</b>	<b>7,394</b>	<b>3</b>	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	<b>1,206</b>	<b>0</b>	<b>440</b>	<b>19</b>	<b>249</b>	--	<b>51</b>	<b>230</b>	<b>102</b>	<b>1,530</b>
Pentanes Plus	157	0	--	10	-20	--	1	93	0	53
Liquefied Petroleum Gases	1,049	--	440	9	269	--	50	137	102	1,477
Ethane/Ethylene	513	--	20	--	258	--	2	--	--	789
Propane/Propylene	339	--	359	0	-2	--	9	--	96	591
Normal Butane/Butylene	63	--	67	8	12	--	33	48	6	61
Isobutane/Isobutylene	133	--	-6	1	2	--	6	89	--	36
<b>Other Liquids</b>	--	<b>74</b>	--	<b>519</b>	<b>-1,098</b>	<b>-143</b>	<b>44</b>	<b>-825</b>	<b>88</b>	<b>44</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	74	--	2	92	97	-2	211	55	0
Hydrogen	--	--	--	--	--	104	--	104	--	0
Oxygenates (excluding Fuel Ethanol)	--	56	--	--	0	-2	-3	1	55	0
Renewable Fuels (including Fuel Ethanol)	--	18	--	--	92	-3	1	106	--	0
Fuel Ethanol	--	18	--	--	99	-10	1	106	--	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	-7	7	0	0	--	0
Other Hydrocarbons	--	--	--	2	--	-2	--	--	--	0
Unfinished Oils	--	--	--	465	-16	--	17	388	--	45
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	52	-1,174	-240	29	-1,424	33	0
Reformulated	--	--	--	--	-372	2	4	-376	--	0
Conventional	--	--	--	52	-802	-242	24	-1,048	32	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b>	--	--	<b>6,949</b>	<b>285</b>	<b>-2,414</b>	<b>251</b>	<b>-22</b>	--	<b>1,523</b>	<b>3,571</b>
Finished Motor Gasoline	--	--	2,323	36	-1,000	251	-26	--	213	1,422
Reformulated	--	--	397	--	-49	15	0	--	0	363
Conventional	--	--	1,927	36	-951	236	-25	--	213	1,059
Finished Aviation Gasoline	--	--	11	--	-5	--	0	--	--	6
Kerosene-Type Jet Fuel	--	--	719	5	-506	--	5	--	47	165
Kerosene	--	--	7	--	0	--	0	--	1	6
Distillate Fuel Oil	--	--	2,158	9	-862	0	-2	--	526	781
15 ppm sulfur and under <sup>7</sup>	--	--	1,627	--	-668	-20	3	--	255	681
Greater than 15 ppm to 500 ppm sulfur <sup>7</sup>	--	--	280	1	-67	20	-9	--	244	-1
Greater than 500 ppm sulfur	--	--	250	9	-127	--	4	--	27	101
Residual Fuel Oil <sup>8</sup>	--	--	338	73	14	--	1	--	329	95
Less than 0.31 percent sulfur	--	--	23	9	--	--	4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	24	10	0	--	-8	--	NA	NA
Greater than 1.00 percent sulfur	--	--	291	54	15	--	5	--	NA	NA
Petrochemical Feedstocks	--	--	280	132	-7	--	1	--	--	404
Naphtha for Petro. Feed. Use	--	--	174	42	-6	--	1	--	--	210
Other Oils for Petro. Feed. Use	--	--	105	90	-1	--	0	--	--	194
Special Naphthas	--	--	36	10	-1	--	0	--	29	16
Lubricants	--	--	122	16	-36	--	-5	--	44	63
Waxes	--	--	6	1	0	--	0	--	2	5
Petroleum Coke	--	--	465	3	--	--	3	--	321	143
Marketable	--	--	347	3	--	--	3	--	321	26
Catalyst	--	--	118	--	--	--	--	--	--	118
Asphalt and Road Oil	--	--	90	--	-12	--	-2	--	11	69
Still Gas	--	--	351	--	--	--	--	--	--	351
Miscellaneous Products	--	--	45	--	0	--	0	--	0	44
<b>Total</b>	<b>4,444</b>	<b>74</b>	<b>7,389</b>	<b>6,304</b>	<b>-4,414</b>	<b>44</b>	<b>178</b>	<b>6,799</b>	<b>1,717</b>	<b>5,145</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

<sup>7</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>8</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2010**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b> .....	<b>11,398</b>	--	--	<b>10,808</b>	<b>-3,670</b>	<b>-1,294</b>	<b>631</b>	<b>16,611</b>	--	<b>0</b>	<b>16,330</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b> .....	<b>10,652</b>	<b>-11</b>	<b>141</b>	<b>247</b>	<b>-9,538</b>	--	<b>-10</b>	<b>393</b>	<b>50</b>	<b>1,058</b>	<b>1,424</b>
Pentanes Plus .....	1,488	-11	--	--	-1,150	--	-24	81	28	242	145
Liquefied Petroleum Gases .....	9,164	--	141	247	-8,388	--	14	312	22	816	1,279
Ethane/Ethylene .....	4,959	--	--	--	-4,819	--	1	--	--	139	407
Propane/Propylene .....	2,657	--	272	247	-2,144	--	65	--	0	967	387
Normal Butane/Butylene .....	1,165	--	-96	--	-796	--	-48	111	22	188	325
Isobutane/Isobutylene .....	383	--	-35	--	-629	--	-4	201	--	-478	160
<b>Other Liquids</b> .....	--	<b>437</b>	--	--	<b>480</b>	<b>303</b>	<b>212</b>	<b>789</b>	--	<b>219</b>	<b>5,807</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	437	--	--	178	124	-2	741	--	0	200
Hydrogen .....	--	--	--	--	--	182	--	182	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	0	--	--	--	0	--
Renewable Fuels (including Fuel Ethanol) .....	--	437	--	--	178	-58	-2	559	--	0	200
Fuel Ethanol .....	--	437	--	--	178	-58	-2	559	--	0	200
Renewable Fuels Except Fuel Ethanol .....	--	--	--	--	--	0	--	--	--	0	--
Other Hydrocarbons .....	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils .....	--	--	--	--	--	--	439	-658	--	219	3,520
Motor Gasoline Blend.Comp. (MGBC) .....	--	--	--	--	302	179	-225	706	--	0	2,087
Reformulated .....	--	--	--	--	--	--	--	--	--	--	--
Conventional .....	--	--	--	--	302	165	-229	696	--	0	2,083
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	--	<b>18,289</b>	<b>210</b>	<b>54</b>	<b>-121</b>	<b>-270</b>	--	<b>80</b>	<b>18,623</b>	<b>9,701</b>
Finished Motor Gasoline .....	--	--	9,766	--	-610	-121	157	--	--	8,878	4,357
Reformulated .....	--	--	--	--	--	--	--	--	--	-14	--
Conventional .....	--	--	9,766	--	-610	-107	157	--	--	8,892	4,357
Finished Aviation Gasoline .....	--	--	12	1	--	--	1	--	--	12	22
Kerosene-Type Jet Fuel .....	--	--	723	--	440	--	-85	--	--	1,248	766
Kerosene .....	--	--	-11	--	--	--	-45	--	8	26	6
Distillate Fuel Oil .....	--	--	4,960	175	224	0	-315	--	--	5,674	2,780
15 ppm sulfur and under <sup>6</sup> .....	--	--	4,729	175	224	0	-194	--	--	5,322	2,501
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	314	--	--	--	-32	--	--	346	179
Greater than 500 ppm sulfur .....	--	--	-83	--	--	--	-89	--	--	6	100
Residual Fuel Oil <sup>7</sup> .....	--	--	308	--	--	--	-16	--	15	309	215
Less than 0.31 percent sulfur .....	--	--	107	--	--	--	-1	--	NA	NA	11
0.31 to 1.00 percent sulfur .....	--	--	43	--	--	--	-14	--	NA	NA	17
Greater than 1.00 percent sulfur .....	--	--	158	--	--	--	-1	--	NA	NA	187
Petrochemical Feedstocks .....	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use .....	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use .....	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas .....	--	--	--	--	--	--	--	--	--	--	--
Lubricants .....	--	--	--	--	--	--	--	--	7	-7	--
Waxes .....	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke .....	--	--	642	--	--	--	8	--	--	634	413
Marketable .....	--	--	420	--	--	--	8	--	--	412	413
Catalyst .....	--	--	222	--	--	--	--	--	--	222	--
Asphalt and Road Oil .....	--	--	1,102	33	--	--	21	--	50	1,064	1,121
Still Gas .....	--	--	664	--	--	--	--	--	--	664	--
Miscellaneous Products .....	--	--	123	1	--	--	4	--	0	120	21
<b>Total</b> .....	<b>22,050</b>	<b>426</b>	<b>18,430</b>	<b>11,265</b>	<b>-12,674</b>	<b>-1,112</b>	<b>563</b>	<b>17,793</b>	<b>129</b>	<b>19,900</b>	<b>33,262</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2010**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b> .....	107,687	--	--	98,707	-39,195	-1,688	1,109	164,387	15	0	16,330
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b> .....	104,438	-93	3,565	2,674	-93,749	--	-79	4,067	1,744	11,103	1,424
Pentanes Plus .....	14,271	-93	--	--	-10,795	--	-24	767	1,618	1,022	145
Liquefied Petroleum Gases .....	90,167	--	3,565	2,674	-82,954	--	-55	3,300	126	10,081	1,279
Ethane/Ethylene .....	49,399	--	4	--	-49,111	--	-10	--	--	302	407
Propane/Propylene .....	25,848	--	2,932	2,069	-20,599	--	34	--	4	10,212	387
Normal Butane/Butylene .....	11,022	--	815	552	-7,064	--	-83	1,242	122	4,044	325
Isobutane/Isobutylene .....	3,898	--	-186	53	-6,180	--	4	2,058	--	-4,477	160
<b>Other Liquids</b> .....	--	4,108	--	10	3,253	1,278	1,048	6,816	0	785	5,807
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	4,108	--	10	1,188	1,282	31	6,557	0	0	200
Hydrogen .....	--	--	--	--	--	1,757	--	1,757	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	0	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol) .....	--	4,108	--	10	1,188	-475	31	4,800	--	0	200
Fuel Ethanol .....	--	4,108	--	10	1,188	-475	31	4,800	--	0	200
Renewable Fuels Except Fuel Ethanol .....	--	--	--	--	--	0	--	--	--	0	--
Other Hydrocarbons .....	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils .....	--	--	--	--	--	--	738	-1,523	--	785	3,520
Motor Gasoline Blend.Comp. (MGBC) .....	--	--	--	--	2,065	-4	279	1,782	--	0	2,087
Reformulated .....	--	--	--	--	--	--	--	--	--	--	--
Conventional .....	--	--	--	--	2,065	-18	275	1,772	--	0	2,083
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	--	178,278	2,735	6,100	479	-210	--	597	187,205	9,701
Finished Motor Gasoline .....	--	--	90,313	--	-1,521	479	450	--	8	88,813	4,357
Reformulated .....	--	--	--	--	--	--	--	--	1	-15	--
Conventional .....	--	--	90,313	--	-1,521	493	450	--	8	88,827	4,357
Finished Aviation Gasoline .....	--	--	117	2	--	--	-3	--	--	122	22
Kerosene-Type Jet Fuel .....	--	--	8,558	21	7,295	--	271	--	13	15,590	766
Kerosene .....	--	--	361	--	-157	--	-32	--	32	204	6
Distillate Fuel Oil .....	--	--	51,854	1,997	483	0	-345	--	7	54,672	2,780
15 ppm sulfur and under <sup>6</sup> .....	--	--	48,077	1,935	483	0	-300	--	--	50,795	2,501
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	3,683	62	--	--	-38	--	7	3,776	179
Greater than 500 ppm sulfur .....	--	--	94	--	--	--	-7	--	0	101	100
Residual Fuel Oil <sup>7</sup> .....	--	--	2,416	--	--	--	13	--	48	2,355	215
Less than 0.31 percent sulfur .....	--	--	906	--	--	--	3	--	NA	NA	11
0.31 to 1.00 percent sulfur .....	--	--	412	--	--	--	-1	--	NA	NA	17
Greater than 1.00 percent sulfur .....	--	--	1,098	--	--	--	11	--	NA	NA	187
Petrochemical Feedstocks .....	--	--	47	--	--	--	--	--	--	47	--
Naphtha for Petro. Feed. Use .....	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use .....	--	--	47	--	--	--	--	--	--	47	--
Special Naphthas .....	--	--	--	--	--	--	-6	--	0	6	--
Lubricants .....	--	--	-2	--	--	--	0	--	66	-68	--
Waxes .....	--	--	--	--	--	--	--	--	2	-2	--
Petroleum Coke .....	--	--	6,379	--	--	--	-247	--	--	6,626	413
Marketable .....	--	--	4,238	--	--	--	-247	--	--	4,485	413
Catalyst .....	--	--	2,141	--	--	--	--	--	--	2,141	--
Asphalt and Road Oil .....	--	--	10,094	701	--	--	-310	--	420	10,685	1,121
Still Gas .....	--	--	7,036	--	--	--	--	--	--	7,036	--
Miscellaneous Products .....	--	--	1,105	14	--	--	-1	--	0	1,120	21
<b>Total</b> .....	212,125	4,015	181,843	104,126	-123,591	69	1,868	175,270	2,356	199,093	33,262

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."



**Table 19. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2010**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b> .....	<b>368</b>	--	--	<b>349</b>	<b>-118</b>	<b>-42</b>	<b>20</b>	<b>536</b>	--	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b> .....	<b>344</b>	<b>0</b>	<b>5</b>	<b>8</b>	<b>-308</b>	--	<b>0</b>	<b>13</b>	<b>2</b>	<b>34</b>
Pentanes Plus .....	48	0	--	--	-37	--	-1	3	1	8
Liquefied Petroleum Gases .....	296	--	5	8	-271	--	0	10	1	26
Ethane/Ethylene .....	160	--	--	--	-155	--	0	--	--	4
Propane/Propylene .....	86	--	9	8	-69	--	2	--	0	31
Normal Butane/Butylene .....	38	--	-3	--	-26	--	-2	4	1	6
Isobutane/Isobutylene .....	12	--	-1	--	-20	--	0	6	--	-15
<b>Other Liquids</b> .....	--	<b>14</b>	--	--	<b>15</b>	<b>10</b>	<b>7</b>	<b>25</b>	--	<b>7</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	14	--	--	6	4	0	24	--	0
Hydrogen .....	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	0	--	--	--	0
Renewable Fuels (including Fuel Ethanol) .....	--	14	--	--	6	-2	0	18	--	0
Fuel Ethanol .....	--	14	--	--	6	-2	0	18	--	0
Renewable Fuels Except Fuel Ethanol .....	--	--	--	--	--	0	--	--	--	0
Other Hydrocarbons .....	--	--	--	--	--	0	--	--	--	0
Unfinished Oils .....	--	--	--	--	--	--	14	-21	--	7
Motor Gasoline Blend.Comp. (MGBC) .....	--	--	--	--	10	6	-7	23	--	0
Reformulated .....	--	--	--	--	--	--	--	--	--	--
Conventional .....	--	--	--	--	10	5	-7	22	--	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	--	<b>590</b>	<b>7</b>	<b>2</b>	<b>-4</b>	<b>-9</b>	--	<b>3</b>	<b>601</b>
Finished Motor Gasoline .....	--	--	315	--	-20	-4	5	--	--	286
Reformulated .....	--	--	--	--	--	--	--	--	--	0
Conventional .....	--	--	315	--	-20	-3	5	--	--	287
Finished Aviation Gasoline .....	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel .....	--	--	23	--	14	--	-3	--	--	40
Kerosene .....	--	--	0	--	--	--	-1	--	0	1
Distillate Fuel Oil .....	--	--	160	6	7	0	-10	--	--	183
15 ppm sulfur and under <sup>6</sup> .....	--	--	153	6	7	0	-6	--	--	172
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	10	--	--	--	-1	--	--	11
Greater than 500 ppm sulfur .....	--	--	-3	--	--	--	-3	--	--	0
Residual Fuel Oil <sup>7</sup> .....	--	--	10	--	--	--	-1	--	0	10
Less than 0.31 percent sulfur .....	--	--	3	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	5	--	--	--	0	--	NA	NA
Petrochemical Feedstocks .....	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use .....	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use .....	--	--	--	--	--	--	--	--	--	--
Special Naphthas .....	--	--	--	--	--	--	--	--	--	--
Lubricants .....	--	--	--	--	--	--	--	--	0	0
Waxes .....	--	--	--	--	--	--	--	--	0	0
Petroleum Coke .....	--	--	21	--	--	--	0	--	--	20
Marketable .....	--	--	14	--	--	--	0	--	--	13
Catalyst .....	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil .....	--	--	36	1	--	--	1	--	2	34
Still Gas .....	--	--	21	--	--	--	--	--	--	21
Miscellaneous Products .....	--	--	4	0	--	--	0	--	0	4
<b>Total</b> .....	<b>711</b>	<b>14</b>	<b>595</b>	<b>363</b>	<b>-409</b>	<b>-36</b>	<b>18</b>	<b>574</b>	<b>4</b>	<b>642</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 20. PAD District 4 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2010**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b> .....	354	--	--	325	-129	-6	4	541	0	0
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b> .....	344	0	12	9	-308	--	0	13	6	37
Pentanes Plus .....	47	0	--	--	-36	--	0	3	5	3
Liquefied Petroleum Gases .....	297	--	12	9	-273	--	0	11	0	33
Ethane/Ethylene .....	162	--	0	--	-162	--	0	--	--	1
Propane/Propylene .....	85	--	10	7	-68	--	0	--	0	34
Normal Butane/Butylene .....	36	--	3	2	-23	--	0	4	0	13
Isobutane/Isobutylene .....	13	--	-1	0	-20	--	0	7	--	-15
<b>Other Liquids</b> .....	--	14	--	0	11	4	3	22	0	3
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	14	--	0	4	4	0	22	0	0
Hydrogen .....	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	0	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) .....	--	14	--	0	4	-2	0	16	--	0
Fuel Ethanol .....	--	14	--	0	4	-2	0	16	--	0
Renewable Fuels Except Fuel Ethanol .....	--	--	--	--	--	0	--	--	--	0
Other Hydrocarbons .....	--	--	--	--	--	0	--	--	--	0
Unfinished Oils .....	--	--	--	--	--	--	2	-5	--	3
Motor Gasoline Blend.Comp. (MGBC) .....	--	--	--	--	7	0	1	6	--	0
Reformulated .....	--	--	--	--	--	--	--	--	--	--
Conventional .....	--	--	--	--	7	0	1	6	--	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	--	586	9	20	2	-1	--	2	616
Finished Motor Gasoline .....	--	--	297	--	-5	2	1	--	0	292
Reformulated .....	--	--	--	--	--	--	--	--	0	0
Conventional .....	--	--	297	--	-5	2	1	--	0	292
Finished Aviation Gasoline .....	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel .....	--	--	28	0	24	--	1	--	0	51
Kerosene .....	--	--	1	--	-1	--	0	--	0	1
Distillate Fuel Oil .....	--	--	171	7	2	0	-1	--	0	180
15 ppm sulfur and under <sup>6</sup> .....	--	--	158	6	2	0	-1	--	--	167
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	12	0	--	--	0	--	0	12
Greater than 500 ppm sulfur .....	--	--	0	--	--	--	0	--	0	0
Residual Fuel Oil <sup>7</sup> .....	--	--	8	--	--	--	0	--	0	8
Less than 0.31 percent sulfur .....	--	--	3	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks .....	--	--	0	--	--	--	--	--	--	0
Naphtha for Petro. Feed. Use .....	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use .....	--	--	0	--	--	--	--	--	--	0
Special Naphthas .....	--	--	--	--	--	--	0	--	0	0
Lubricants .....	--	--	0	--	--	--	0	--	0	0
Waxes .....	--	--	--	--	--	--	--	--	0	0
Petroleum Coke .....	--	--	21	--	--	--	-1	--	--	22
Marketable .....	--	--	14	--	--	--	-1	--	--	15
Catalyst .....	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil .....	--	--	33	2	--	--	-1	--	1	35
Still Gas .....	--	--	23	--	--	--	--	--	--	23
Miscellaneous Products .....	--	--	4	0	--	--	0	--	0	4
<b>Total</b> .....	<b>698</b>	<b>13</b>	<b>598</b>	<b>343</b>	<b>-407</b>	<b>0</b>	<b>6</b>	<b>577</b>	<b>8</b>	<b>655</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 21. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2010**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b> .....	<b>38,385</b>	--	--	<b>37,945</b>	--	<b>-1,158</b>	<b>2,893</b>	<b>72,279</b>	--	<b>0</b>	<b>56,811</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b> .....	<b>1,979</b>	<b>-6</b>	<b>2,349</b>	<b>129</b>	--	--	<b>377</b>	<b>1,922</b>	<b>262</b>	<b>1,890</b>	<b>7,883</b>
Pentanes Plus .....	954	-6	--	--	--	--	17	711	33	187	71
Liquefied Petroleum Gases .....	1,025	--	2,349	129	--	--	360	1,211	229	1,703	7,812
Ethane/Ethylene .....	5	--	--	--	--	--	--	--	--	5	--
Propane/Propylene .....	358	--	1,506	115	--	--	187	--	215	1,577	2,194
Normal Butane/Butylene .....	184	--	789	14	--	--	103	697	13	174	5,024
Isobutane/Isobutylene .....	478	--	54	--	--	--	70	514	--	-52	594
<b>Other Liquids</b> .....	--	<b>291</b>	--	<b>1,629</b>	<b>8,036</b>	<b>1,676</b>	<b>-1,364</b>	<b>12,587</b>	<b>63</b>	<b>345</b>	<b>45,380</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	291	--	--	4,361	775	-378	5,802	2	0	2,127
Hydrogen .....	--	--	--	--	--	1,223	--	1,223	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	2	--	--	2	0	--
Renewable Fuels (including Fuel Ethanol) .....	--	291	--	--	4,361	-451	-378	4,579	--	0	2,127
Fuel Ethanol .....	--	291	--	--	4,361	-476	-379	4,555	--	0	2,003
Renewable Fuels Except Fuel Ethanol .....	--	--	--	--	--	25	1	24	--	0	124
Other Hydrocarbons .....	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils .....	--	--	--	1,229	--	--	1,363	-479	--	345	19,791
Motor Gasoline Blend.Comp. (MGBC) .....	--	--	--	400	3,675	901	-2,349	7,264	61	0	23,462
Reformulated .....	--	--	--	--	2,377	-136	-1,406	3,647	--	0	11,894
Conventional .....	--	--	--	400	1,298	1,037	-943	3,617	61	0	11,568
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	--	<b>89,763</b>	<b>3,096</b>	<b>2,209</b>	<b>-425</b>	<b>-627</b>	--	<b>8,040</b>	<b>87,230</b>	<b>34,364</b>
Finished Motor Gasoline .....	--	--	47,762	86	1,019	-425	-899	--	1,259	48,082	4,351
Reformulated .....	--	--	33,764	--	--	210	-389	--	451	33,912	81
Conventional .....	--	--	13,998	86	1,019	-635	-510	--	808	14,170	4,270
Finished Aviation Gasoline .....	--	--	34	--	--	--	66	--	--	-32	295
Kerosene-Type Jet Fuel .....	--	--	11,514	1,106	265	--	-582	--	683	12,784	8,293
Kerosene .....	--	--	95	--	--	--	4	--	3	88	95
Distillate Fuel Oil .....	--	--	16,691	86	1,030	0	463	--	1,645	15,699	12,493
15 ppm sulfur and under <sup>6</sup> .....	--	--	14,736	86	1,030	-8	233	--	723	14,888	10,116
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	639	--	--	8	202	--	305	140	1,107
Greater than 500 ppm sulfur .....	--	--	1,316	--	--	--	28	--	617	671	1,270
Residual Fuel Oil <sup>7</sup> .....	--	--	3,863	1,702	--	--	375	--	567	4,623	4,921
Less than 0.31 percent sulfur .....	--	--	55	622	--	--	-70	--	NA	NA	158
0.31 to 1.00 percent sulfur .....	--	--	1,302	103	--	--	144	--	NA	NA	868
Greater than 1.00 percent sulfur .....	--	--	2,506	977	--	--	301	--	NA	NA	3,892
Petrochemical Feedstocks .....	--	--	8	72	--	--	0	--	--	80	2
Naphtha for Petro. Feed. Use .....	--	--	8	72	--	--	0	--	--	80	2
Other Oils for Petro. Feed. Use .....	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas .....	--	--	19	--	--	--	-8	--	270	-243	24
Lubricants .....	--	--	314	2	-105	--	-141	--	287	65	942
Waxes .....	--	--	--	--	--	--	--	--	4	-4	--
Petroleum Coke .....	--	--	4,504	21	--	--	233	--	3,195	1,097	1,387
Marketable .....	--	--	3,728	21	--	--	233	--	3,195	321	1,387
Catalyst .....	--	--	776	--	--	--	--	--	--	776	--
Asphalt and Road Oil .....	--	--	846	21	--	--	-122	--	124	865	1,352
Still Gas .....	--	--	3,701	--	--	--	--	--	--	3,701	--
Miscellaneous Products .....	--	--	412	--	--	--	-16	--	3	425	209
<b>Total</b> .....	<b>40,364</b>	<b>285</b>	<b>92,112</b>	<b>42,799</b>	<b>10,245</b>	<b>92</b>	<b>1,279</b>	<b>86,788</b>	<b>8,365</b>	<b>89,465</b>	<b>144,438</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 22. PAD District 5 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2010**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b> .....	370,667	--	--	344,523	--	5,701	7,396	713,493	3	0	56,811
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b> .....	17,720	-59	22,624	1,255	--	--	3,889	16,222	3,838	17,591	7,883
Pentanes Plus .....	8,061	-59	--	--	--	--	35	5,479	580	1,908	71
Liquefied Petroleum Gases .....	9,659	--	22,624	1,255	--	--	3,854	10,743	3,258	15,683	7,812
Ethane/Ethylene .....	57	--	--	--	--	--	--	--	--	57	--
Propane/Propylene .....	3,709	--	14,451	986	--	--	825	--	2,096	16,225	2,194
Normal Butane/Butylene .....	1,931	--	7,841	261	--	--	2,907	6,048	1,162	-84	5,024
Isobutane/Isobutylene .....	3,962	--	332	8	--	--	122	4,695	--	-515	594
<b>Other Liquids</b> .....	--	2,809	--	25,137	63,002	24,757	-4,063	116,307	942	2,519	45,380
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	2,809	--	67	43,952	7,366	-125	54,298	22	0	2,127
Hydrogen .....	--	--	--	--	--	11,196	--	11,196	--	0	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	0	22	--	--	22	0	--
Renewable Fuels (including Fuel Ethanol) .....	--	2,809	--	67	43,952	-3,857	-125	43,096	--	0	2,127
Fuel Ethanol .....	--	2,809	--	67	43,952	-4,213	-194	42,809	--	0	2,003
Renewable Fuels Except Fuel Ethanol .....	--	--	--	--	--	356	69	287	--	0	124
Other Hydrocarbons .....	--	--	--	--	--	6	0	6	--	0	--
Unfinished Oils .....	--	--	--	16,874	62	--	269	14,148	--	2,519	19,791
Motor Gasoline Blend.Comp. (MGBC) .....	--	--	--	8,196	18,988	17,390	-4,207	47,861	920	0	23,462
Reformulated .....	--	--	--	1,369	8,115	3,639	-2,757	15,879	--	0	11,894
Conventional .....	--	--	--	6,827	10,873	13,752	-1,450	31,982	920	0	11,568
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	--	--	878,797	38,752	34,556	-13,177	-2,052	--	76,726	864,254	34,364
Finished Motor Gasoline .....	--	--	469,154	4,518	24,324	-13,177	293	--	11,938	472,588	4,351
Reformulated .....	--	--	322,831	--	13,708	-3,837	44	--	3,225	329,433	81
Conventional .....	--	--	146,323	4,518	10,616	-9,340	249	--	8,713	143,155	4,270
Finished Aviation Gasoline .....	--	--	526	--	--	--	34	--	--	492	295
Kerosene-Type Jet Fuel .....	--	--	117,801	11,525	2,447	--	-1,984	--	7,287	126,470	8,293
Kerosene .....	--	--	390	--	--	--	-4	--	16	378	95
Distillate Fuel Oil .....	--	--	151,307	3,141	9,335	0	-884	--	13,806	150,861	12,493
15 ppm sulfur and under <sup>6</sup> .....	--	--	133,039	2,796	9,255	-51	-648	--	5,794	139,893	10,116
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	7,127	275	--	51	-49	--	4,793	2,709	1,107
Greater than 500 ppm sulfur .....	--	--	11,141	70	80	--	-187	--	3,220	8,258	1,270
Residual Fuel Oil <sup>7</sup> .....	--	--	36,796	17,451	-474	--	1,034	--	5,473	47,266	4,921
Less than 0.31 percent sulfur .....	--	--	565	622	--	--	32	--	NA	NA	158
0.31 to 1.00 percent sulfur .....	--	--	9,195	2,434	--	--	67	--	NA	NA	868
Greater than 1.00 percent sulfur .....	--	--	27,036	14,395	--	--	932	--	NA	NA	3,892
Petrochemical Feedstocks .....	--	--	48	390	--	--	-23	--	--	461	2
Naphtha for Petro. Feed. Use .....	--	--	70	390	--	--	0	--	--	460	2
Other Oils for Petro. Feed. Use .....	--	--	-22	--	--	--	-23	--	--	1	--
Special Naphthas .....	--	--	302	--	--	--	-15	--	1,081	-764	24
Lubricants .....	--	--	5,651	31	-1,080	--	-285	--	2,535	2,352	942
Waxes .....	--	--	--	415	--	--	--	--	69	346	--
Petroleum Coke .....	--	--	43,935	259	--	--	36	--	33,469	10,689	1,387
Marketable .....	--	--	35,181	259	--	--	36	--	33,469	1,935	1,387
Catalyst .....	--	--	8,754	--	--	--	--	--	--	8,754	--
Asphalt and Road Oil .....	--	--	9,109	1,021	--	--	-155	--	1,034	9,251	1,352
Still Gas .....	--	--	39,789	--	--	--	--	--	--	39,789	--
Miscellaneous Products .....	--	--	3,989	1	4	--	-99	--	17	4,076	209
<b>Total</b> .....	388,387	2,750	901,421	409,667	97,558	17,281	5,170	846,022	81,508	884,365	144,438

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 23. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2010**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b>	<b>1,238</b>	--	--	<b>1,224</b>	--	<b>-37</b>	<b>93</b>	<b>2,332</b>	--	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b>	<b>64</b>	<b>0</b>	<b>76</b>	<b>4</b>	--	--	<b>12</b>	<b>62</b>	<b>8</b>	<b>61</b>
Pentanes Plus	31	0	--	--	--	--	1	23	1	6
Liquefied Petroleum Gases	33	--	76	4	--	--	12	39	7	55
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	12	--	49	4	--	--	6	--	7	51
Normal Butane/Butylene	6	--	25	0	--	--	3	22	0	6
Isobutane/Isobutylene	15	--	2	--	--	--	2	17	--	-2
<b>Other Liquids</b>	<b>--</b>	<b>9</b>	<b>--</b>	<b>53</b>	<b>259</b>	<b>54</b>	<b>-44</b>	<b>406</b>	<b>2</b>	<b>11</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	9	--	--	141	25	-12	187	0	0
Hydrogen	--	--	--	--	--	39	--	39	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	9	--	--	141	-15	-12	148	--	0
Fuel Ethanol	--	9	--	--	141	-15	-12	147	--	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	--	1	0	1	--	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	40	--	--	44	-15	--	11
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	13	119	29	-76	234	2	0
Reformulated	--	--	--	--	77	-4	-45	118	--	0
Conventional	--	--	--	13	42	33	-30	117	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>--</b>	<b>2,896</b>	<b>100</b>	<b>71</b>	<b>-14</b>	<b>-20</b>	<b>--</b>	<b>259</b>	<b>2,814</b>
Finished Motor Gasoline	--	--	1,541	3	33	-14	-29	--	41	1,551
Reformulated	--	--	1,089	--	--	7	-13	--	15	1,094
Conventional	--	--	452	3	33	-20	-16	--	26	457
Finished Aviation Gasoline	--	--	1	--	--	--	2	--	--	-1
Kerosene-Type Jet Fuel	--	--	371	36	9	--	-19	--	22	412
Kerosene	--	--	3	--	--	--	0	--	0	3
Distillate Fuel Oil	--	--	538	3	33	0	15	--	53	506
15 ppm sulfur and under <sup>6</sup>	--	--	475	3	33	0	8	--	23	480
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup>	--	--	21	--	--	0	7	--	10	5
Greater than 500 ppm sulfur	--	--	42	--	--	--	1	--	20	22
Residual Fuel Oil <sup>7</sup>	--	--	125	55	--	--	12	--	18	149
Less than 0.31 percent sulfur	--	--	2	20	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	42	3	--	--	5	--	NA	NA
Greater than 1.00 percent sulfur	--	--	81	32	--	--	10	--	NA	NA
Petrochemical Feedstocks	--	--	0	2	--	--	0	--	--	3
Naphtha for Petro. Feed. Use	--	--	0	2	--	--	0	--	--	3
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	9	-8
Lubricants	--	--	10	0	-3	--	-5	--	9	2
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	145	1	--	--	8	--	103	35
Marketable	--	--	120	1	--	--	8	--	103	10
Catalyst	--	--	25	--	--	--	--	--	--	25
Asphalt and Road Oil	--	--	27	1	--	--	-4	--	4	28
Still Gas	--	--	119	--	--	--	--	--	--	119
Miscellaneous Products	--	--	13	--	--	--	-1	--	0	14
<b>Total</b>	<b>1,302</b>	<b>9</b>	<b>2,971</b>	<b>1,381</b>	<b>330</b>	<b>3</b>	<b>41</b>	<b>2,800</b>	<b>270</b>	<b>2,886</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."

**Table 24. PAD District 5 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2010**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b> .....	<b>1,219</b>	--	--	<b>1,133</b>	--	<b>19</b>	<b>24</b>	<b>2,347</b>	<b>0</b>	<b>0</b>
<b>Natural Gas Plant Liquids and Liquefied</b>										
<b>Refinery Gases</b> .....	<b>58</b>	<b>0</b>	<b>74</b>	<b>4</b>	--	--	<b>13</b>	<b>53</b>	<b>13</b>	<b>58</b>
Pentanes Plus .....	27	0	--	--	--	--	0	18	2	6
Liquefied Petroleum Gases .....	32	--	74	4	--	--	13	35	11	52
Ethane/Ethylene .....	0	--	--	--	--	--	--	--	--	0
Propane/Propylene .....	12	--	48	3	--	--	3	--	7	53
Normal Butane/Butylene .....	6	--	26	1	--	--	10	20	4	0
Isobutane/Isobutylene .....	13	--	1	0	--	--	0	15	--	-2
<b>Other Liquids</b> .....	<b>--</b>	<b>9</b>	<b>--</b>	<b>83</b>	<b>207</b>	<b>81</b>	<b>-13</b>	<b>383</b>	<b>3</b>	<b>8</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	--	9	--	0	145	24	0	179	0	0
Hydrogen .....	--	--	--	--	--	37	--	37	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	0	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) .....	--	9	--	0	145	-13	0	142	--	0
Fuel Ethanol .....	--	9	--	0	145	-14	-1	141	--	0
Renewable Fuels Except Fuel Ethanol .....	--	--	--	--	--	1	0	1	--	0
Other Hydrocarbons .....	--	--	--	--	--	0	0	0	--	0
Unfinished Oils .....	--	--	--	56	0	--	1	47	--	8
Motor Gasoline Blend.Comp. (MGBC) .....	--	--	--	27	62	57	-14	157	3	0
Reformulated .....	--	--	--	5	27	12	-9	52	--	0
Conventional .....	--	--	--	22	36	45	-5	105	3	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	<b>--</b>	<b>--</b>	<b>2,891</b>	<b>127</b>	<b>114</b>	<b>-43</b>	<b>-7</b>	<b>--</b>	<b>252</b>	<b>2,843</b>
Finished Motor Gasoline .....	--	--	1,543	15	80	-43	1	--	39	1,555
Reformulated .....	--	--	1,062	--	45	-13	0	--	11	1,084
Conventional .....	--	--	481	15	35	-31	1	--	29	471
Finished Aviation Gasoline .....	--	--	2	--	--	--	0	--	--	2
Kerosene-Type Jet Fuel .....	--	--	388	38	8	--	-7	--	24	416
Kerosene .....	--	--	1	--	--	--	0	--	0	1
Distillate Fuel Oil .....	--	--	498	10	31	0	-3	--	45	496
15 ppm sulfur and under <sup>6</sup> .....	--	--	438	9	30	0	-2	--	19	460
Greater than 15 ppm to 500 ppm sulfur <sup>6</sup> .....	--	--	23	1	--	0	0	--	16	9
Greater than 500 ppm sulfur .....	--	--	37	0	0	--	-1	--	11	27
Residual Fuel Oil <sup>7</sup> .....	--	--	121	57	-2	--	3	--	18	155
Less than 0.31 percent sulfur .....	--	--	2	2	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	30	8	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	89	47	--	--	3	--	NA	NA
Petrochemical Feedstocks .....	--	--	0	1	--	--	0	--	--	2
Naphtha for Petro. Feed. Use .....	--	--	0	1	--	--	0	--	--	2
Other Oils for Petro. Feed. Use .....	--	--	0	--	--	--	0	--	--	0
Special Naphthas .....	--	--	1	--	--	--	0	--	4	-3
Lubricants .....	--	--	19	0	-4	--	-1	--	8	8
Waxes .....	--	--	--	1	--	--	--	--	0	1
Petroleum Coke .....	--	--	145	1	--	--	0	--	110	35
Marketable .....	--	--	116	1	--	--	0	--	110	6
Catalyst .....	--	--	29	--	--	--	--	--	--	29
Asphalt and Road Oil .....	--	--	30	3	--	--	-1	--	3	30
Still Gas .....	--	--	131	--	--	--	--	--	--	131
Miscellaneous Products .....	--	--	13	0	0	--	0	--	0	13
<b>Total</b> .....	<b>1,278</b>	<b>9</b>	<b>2,965</b>	<b>1,348</b>	<b>321</b>	<b>57</b>	<b>17</b>	<b>2,783</b>	<b>268</b>	<b>2,909</b>

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

<sup>7</sup> Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau and Form EIA-810, "Monthly Refinery Report."



**Table 25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, October 2010**  
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Supply</b>							
Field Production .....	675	22,401	101,240	11,398	38,385	174,098	5,616
Alaskan .....	--	--	--	--	--	19,173	618
Lower 48 States .....	--	--	--	--	--	154,926	4,998
Imports (PAD District of Entry) .....	27,657	34,277	152,486	10,808	37,945	263,173	8,489
Commercial .....	27,657	34,277	152,486	10,808	37,945	263,173	8,489
Strategic Petroleum Reserve (SPR) .....	--	--	--	--	--	--	--
Net Receipts .....	458	27,675	-24,463	-3,670	--	--	--
Adjustments <sup>1</sup> .....	-2,079	9,601	-1,920	-1,294	-1,158	3,151	102
<b>Disposition</b>							
Stock Change <sup>2</sup> .....	479	-1,673	3,395	631	2,893	5,725	185
Commercial .....	--	--	3,358	--	--	5,688	183
SPR .....	--	--	37	--	--	37	1
Refinery Inputs .....	26,185	94,946	223,948	16,611	72,279	433,969	13,999
Exports .....	47	681	--	--	--	728	23
<b>Ending Stocks</b>							
Total .....	11,054	90,951	917,207	16,330	56,811	1,092,353	--
Commercial .....	11,054	90,951	190,657	16,330	56,811	365,803	--
Refinery .....	9,927	12,245	47,743	1,847	24,166	95,928	--
Tank Farms and Pipelines .....	981	76,791	127,699	12,627	27,832	245,930	--
Cushing, Oklahoma .....	--	33,444	--	--	--	33,444	--
Lease .....	146	1,915	15,215	1,856	538	19,670	--
Alaskan Crude Oil In-Transit by Water .....	--	--	--	--	4,275	4,275	--
SPR .....	--	--	726,550	--	--	726,550	--
<b>SPR Stocks</b>							
Percent of Total Crude Oil Stocks (Percent) .....	--	--	--	--	--	66.5	--
Percent of Total Petroleum Stocks (Percent) .....	--	--	--	--	--	39.4	--
Days of Total Petroleum Net Imports (Days) .....	--	--	--	--	--	84	--
<b>SPR Receipts Detail</b>							
Receipts .....	--	--	--	--	--	--	--
Domestic .....	--	--	--	--	--	--	--
Imports .....	--	--	--	--	--	--	--
Imported by SPR .....	--	--	--	--	--	--	--
Imported for SPR by Others .....	--	--	--	--	--	--	--
<b>Imports</b>							
PAD District of Entry .....	27,657	34,277	152,486	10,808	37,945	263,173	8,489
PAD District of Processing .....	27,657	38,394	151,303	7,874	37,945	263,173	8,489

-- = Not Applicable.

-- = No Data Reported.

<sup>1</sup> Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

<sup>2</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the Bureau of Census and Form EIA-810, "Monthly Refinery Report."

**Table 26. Production of Crude Oil by PAD District and State, October 2010**  
(Thousand Barrels)

PAD District and State	August 2010		January-August 2010	
	Total	Daily Average	Total	Daily Average
<b>PAD District 1</b> .....	<b>660</b>	<b>21</b>	<b>4,815</b>	<b>20</b>
Florida .....	168	5	1,139	5
New York .....	35	1	242	1
Pennsylvania .....	283	9	2,269	9
Virginia .....	1	0	5	0
West Virginia .....	183	6	1,308	5
Adjustment <sup>1</sup> .....	-10	0	-147	-1
<b>PAD District 2</b> .....	<b>21,911</b>	<b>707</b>	<b>156,720</b>	<b>645</b>
Illinois .....	758	24	5,960	25
Indiana .....	161	5	1,211	5
Kansas .....	3,460	112	26,681	110
Kentucky .....	132	4	1,651	7
Michigan .....	538	17	4,275	18
Missouri .....	7	0	69	0
Nebraska .....	189	6	1,421	6
North Dakota .....	10,195	329	69,768	287
Ohio .....	495	16	3,850	16
Oklahoma .....	5,906	191	45,063	185
South Dakota .....	137	4	1,058	4
Tennessee .....	24	1	176	1
Adjustment <sup>1</sup> .....	-90	-3	-4,464	-18
<b>PAD District 3</b> .....	<b>100,402</b>	<b>3,239</b>	<b>786,780</b>	<b>3,238</b>
Alabama .....	628	20	4,497	19
Arkansas .....	488	16	3,830	16
Louisiana .....	5,613	181	43,881	181
Mississippi .....	2,012	65	15,778	65
New Mexico .....	4,924	159	40,537	167
Texas .....	35,844	1,156	271,573	1,118
Federal Offshore PAD District 3 .....	50,375	1,625	405,066	1,667
Adjustment <sup>1</sup> .....	519	17	1,620	7
<b>PAD District 4</b> .....	<b>11,604</b>	<b>374</b>	<b>85,307</b>	<b>351</b>
Colorado .....	2,657	86	16,454	68
Montana .....	1,919	62	15,375	63
Utah .....	2,188	71	15,955	66
Wyoming .....	4,513	146	34,373	141
Adjustment <sup>1</sup> .....	327	11	3,151	13
<b>PAD District 5</b> .....	<b>36,101</b>	<b>1,165</b>	<b>294,950</b>	<b>1,214</b>
Alaska .....	16,686	538	144,027	593
South Alaska .....	326	11	4,362	18
North Slope .....	16,360	528	139,662	575
Adjustment for Alaska <sup>1</sup> .....	0	0	2	0
Arizona .....	3	0	24	0
California .....	17,472	564	135,515	558
Nevada .....	34	1	290	1
Federal Offshore PAD District 5 .....	1,907	62	15,096	62
Adjustment excluding Alaska <sup>1</sup> .....	-1	0	-2	0
<b>State Offshore Production</b>				
<b>U.S.</b> .....	<b>3,158</b>	<b>102</b>	<b>28,607</b>	<b>118</b>
Louisiana .....	546	18	4,924	20
Texas .....	80	3	717	3
Alaska .....	1,404	45	14,252	59
California .....	1,129	36	8,715	36
<b>U.S. Total</b> .....	<b>170,679</b>	<b>5,506</b>	<b>1,328,572</b>	<b>5,467</b>

– = No Data Reported.

<sup>1</sup> These adjustments are used to reconcile the national and PAD District level sums of the State data with the independently estimated U.S. and Alaskan figures shown in Table 3.1 of the Monthly Energy Review and with PAD District level figures published in the Petroleum Supply Monthly from two months earlier. Revised data at the State, PAD District, and national levels will be published without adjustments in the 'Petroleum Supply Annual.'

Note: Totals may not equal sum of components due to independent rounding. All PAD District totals and the U.S. total are estimates. In addition, the following states are estimates: Alaska, Alabama, Arkansas, Colorado, Illinois, Indiana, Michigan, Missouri, Ohio, Oklahoma, New York, Pennsylvania, Texas, Utah, Virginia, West Virginia, and Wyoming.

Sources: State government agencies, U.S. Department of the Interior, Minerals Management Service and the Conservation Committee of California Oil Producers.



**Table 27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, October 2010**  
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Liquids .....	—	806	806	2,633	608	8,684	11,925
Pentanes Plus .....	—	150	150	134	116	989	1,239
Liquefied Petroleum Gases .....	—	656	656	2,499	492	7,695	10,686
Ethane .....	—	4	4	1,425	—	3,549	4,974
Propane .....	—	429	429	775	325	2,597	3,697
Normal Butane .....	—	148	148	131	147	967	1,245
Isobutane .....	—	75	75	168	20	582	770

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Liquids .....	22,175	2,733	7,512	492	5,494	38,406	10,652	1,979	63,768
Pentanes Plus .....	3,100	385	889	105	589	5,068	1,488	954	8,899
Liquefied Petroleum Gases .....	19,075	2,348	6,623	387	4,905	33,338	9,164	1,025	54,869
Ethane .....	9,279	1,253	3,005	150	2,529	16,216	4,959	5	26,158
Propane .....	6,198	673	2,291	126	1,595	10,883	2,657	358	18,024
Normal Butane .....	2,233	-1,505	778	70	501	2,077	1,165	184	4,819
Isobutane .....	1,365	1,927	549	41	280	4,162	383	478	5,868

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Liquids .....	7	100	107	326	54	777	1,157
Pentanes Plus .....	—	25	25	18	18	138	174
Liquefied Petroleum Gases .....	7	75	82	308	36	639	983
Ethane .....	—	—	—	22	—	178	200
Propane .....	6	63	69	206	24	149	379
Normal Butane .....	1	6	7	25	12	169	206
Isobutane .....	—	6	6	55	—	143	198

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Liquids .....	300	4,271	1,612	21	54	6,258	153	605	8,280
Pentanes Plus .....	32	581	219	3	14	849	45	35	1,128
Liquefied Petroleum Gases .....	268	3,690	1,393	18	40	5,409	108	570	7,152
Ethane .....	17	924	—	—	—	941	2	—	1,143
Propane .....	104	1,656	33	14	26	1,833	66	77	2,424
Normal Butane .....	137	701	950	4	3	1,795	34	418	2,460
Isobutane .....	10	409	410	—	11	840	6	75	1,125

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

**Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2010**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Crude Oil</b> .....	<b>24,010</b>	<b>2,175</b>	<b>26,185</b>	<b>60,951</b>	<b>14,007</b>	<b>19,988</b>	<b>94,946</b>
<b>Natural Gas Plant Liquids and Liquefied</b>							
<b>Refinery Gases</b> .....	<b>790</b>	<b>7</b>	<b>797</b>	<b>2,014</b>	<b>277</b>	<b>1,191</b>	<b>3,482</b>
Pentanes Plus .....	—	—	—	660	141	417	1,218
Liquefied Petroleum Gases .....	790	7	797	1,354	136	774	2,264
Normal Butane .....	449	7	456	732	78	424	1,234
Isobutane .....	341	—	341	622	58	350	1,030
<b>Other Liquids</b> .....	<b>71,974</b>	<b>4,785</b>	<b>76,759</b>	<b>12,751</b>	<b>2,058</b>	<b>2,250</b>	<b>17,059</b>
Hydrogen/Oxygenates/Renewables/							
Other Hydrocarbons .....	8,801	738	9,539	4,803	1,253	1,369	7,425
Hydrogen .....	25	2	27	255	85	79	419
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	8,776	736	9,512	4,496	1,168	1,290	6,954
Fuel Ethanol .....	8,751	730	9,481	4,432	1,084	1,287	6,803
Renewable Diesel Fuel .....	25	6	31	64	84	3	151
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	52	—	—	52
Unfinished Oils (net) .....	4,751	-261	4,490	996	-78	-130	788
Naphthas and Lighter .....	214	46	260	1,373	27	-124	1,276
Kerosene and Light Gas Oils .....	-13	-1	-14	774	-107	826	1,493
Heavy Gas Oils .....	1,753	-311	1,442	-1,092	2	54	-1,036
Residuum .....	2,797	5	2,802	-59	—	-886	-945
Motor Gasoline Blend.Comp. (MGBC)(net) .....	58,422	4,308	62,730	6,952	883	1,011	8,846
Reformulated - RBOB .....	15,039	—	15,039	765	1,023	994	2,782
Conventional .....	43,383	4,308	47,691	6,187	-140	17	6,064
CBOB .....	32,828	4,297	37,125	4,172	784	173	5,129
GTAB .....	4,617	—	4,617	—	—	—	—
Other .....	5,938	11	5,949	2,015	-924	-156	935
Aviation Gasoline Blend. Comp. (net) .....	—	—	—	—	—	—	—
<b>Total Input</b> .....	<b>96,774</b>	<b>6,967</b>	<b>103,741</b>	<b>75,716</b>	<b>16,342</b>	<b>23,429</b>	<b>115,487</b>

See footnotes at end of table.

**Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2010**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Crude Oil</b> .....	<b>18,279</b>	<b>105,426</b>	<b>91,192</b>	<b>5,669</b>	<b>3,382</b>	<b>223,948</b>	<b>16,611</b>	<b>72,279</b>	<b>433,969</b>
<b>Natural Gas Plant Liquids and Liquefied</b>									
<b>Refinery Gases</b> .....	<b>610</b>	<b>4,559</b>	<b>3,384</b>	<b>74</b>	<b>173</b>	<b>8,800</b>	<b>393</b>	<b>1,922</b>	<b>15,394</b>
Pentanes Plus .....	320	1,504	1,626	37	—	3,487	81	711	5,497
Liquefied Petroleum Gases .....	290	3,055	1,758	37	173	5,313	312	1,211	9,897
Normal Butane .....	111	1,513	716	25	—	2,365	111	697	4,863
Isobutane .....	179	1,542	1,042	12	173	2,948	201	514	5,034
<b>Other Liquids</b> .....	<b>8,900</b>	<b>-21,053</b>	<b>-21,612</b>	<b>4,519</b>	<b>1,146</b>	<b>-28,100</b>	<b>789</b>	<b>12,587</b>	<b>79,094</b>
Hydrogen/Oxygenates/Renewables/									
Other Hydrocarbons .....	1,504	2,422	1,820	929	987	7,662	741	5,802	31,169
Hydrogen .....	33	1,660	1,419	113	840	4,065	182	1,223	5,916
Oxygenates (excluding Fuel Ethanol) .....	—	74	—	—	—	74	—	—	74
Methyl Tertiary Butyl Ether (MTBE) .....	—	74	—	—	—	74	—	—	74
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	1,471	688	401	816	147	3,523	559	4,579	25,127
Fuel Ethanol .....	1,471	688	401	816	147	3,523	559	4,555	24,921
Renewable Diesel Fuel .....	—	—	—	—	—	—	—	24	206
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	52
Unfinished Oils (net) .....	956	5,506	8,570	-120	196	15,108	-658	-479	19,249
Naphthas and Lighter .....	596	-683	217	-82	177	225	-198	-223	1,340
Kerosene and Light Gas Oils .....	-35	-1,002	1,787	7	17	774	-451	-248	1,554
Heavy Gas Oils .....	390	7,117	4,253	20	2	11,782	182	609	12,979
Residuum .....	5	74	2,313	-65	—	2,327	-191	-617	3,376
Motor Gasoline Blend.Comp. (MGBC)(net) .....	6,437	-28,981	-32,002	3,710	-37	-50,873	706	7,264	28,673
Reformulated - RBOB .....	5,650	-11,994	-3,782	—	-731	-10,857	10	3,647	10,621
Conventional .....	787	-16,987	-28,220	3,710	694	-40,016	696	3,617	18,052
CBOB .....	1,822	-15,228	-26,752	3,722	587	-35,849	328	3,024	9,757
GTAB .....	—	—	—	—	—	—	—	—	4,617
Other .....	-1,035	-1,759	-1,468	-12	107	-4,167	368	593	3,678
Aviation Gasoline Blend. Comp. (net) .....	3	—	—	—	—	3	—	—	3
<b>Total Input</b> .....	<b>27,789</b>	<b>88,932</b>	<b>72,964</b>	<b>10,262</b>	<b>4,701</b>	<b>204,648</b>	<b>17,793</b>	<b>86,788</b>	<b>528,457</b>

— = No Data Reported.

<sup>1</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

**Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2010**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases .....	601	54	655	1,539	-119	114	1,534
Ethane/Ethylene .....	-	-	-	-	-	-	-
Ethane .....	-	-	-	-	-	-	-
Ethylene .....	-	-	-	-	-	-	-
Propane/Propylene .....	986	11	997	1,999	302	459	2,760
Propane .....	525	11	536	1,089	208	319	1,616
Propylene .....	461	-	461	910	94	140	1,144
Normal Butane/Butylene .....	-273	43	-230	-538	-411	-330	-1,279
Normal Butane .....	-291	43	-248	-459	-411	-331	-1,201
Butylene .....	18	-	18	-79	-	1	-78
Isobutane/Isobutylene .....	-112	-	-112	78	-10	-15	53
Isobutane .....	-132	-	-132	78	-10	-15	53
Isobutylene .....	20	-	20	-	-	-	-
Finished Motor Gasoline .....	82,484	5,806	88,290	45,082	9,563	13,249	67,894
Reformulated .....	37,827	-	37,827	8,527	1,526	1,105	11,158
Reformulated Blended with Fuel Ethanol .....	37,878	-	37,878	8,527	1,526	1,105	11,158
Reformulated Other .....	-51	-	-51	-	-	-	-
Conventional .....	44,657	5,806	50,463	36,555	8,037	12,144	56,736
Conventional Blended with Fuel Ethanol .....	50,175	7,329	57,504	35,591	9,118	11,606	56,315
Ed55 and Lower .....	50,174	7,329	57,503	35,588	9,093	11,561	56,242
Greater than Ed55 .....	1	-	1	3	25	45	73
Conventional Other .....	-5,518	-1,523	-7,041	964	-1,081	538	421
Finished Aviation Gasoline .....	-	-	-	-	82	-	82
Kerosene-Type Jet Fuel .....	1,682	-	1,682	5,213	811	782	6,806
Kerosene .....	100	10	110	-14	-1	1	-14
Distillate Fuel Oil .....	8,496	739	9,235	17,249	4,520	7,467	29,236
15 ppm sulfur and under .....	4,765	665	5,430	16,907	4,153	6,675	27,735
Greater than 15 ppm to 500 ppm sulfur .....	-479	179	-300	518	376	27	921
Greater than 500 ppm sulfur .....	4,210	-105	4,105	-176	-9	765	580
Residual Fuel Oil .....	1,435	14	1,449	937	225	172	1,334
Less than 0.31 percent sulfur .....	600	11	611	-	-	1	1
0.31 to 1.00 percent sulfur .....	373	-	373	147	74	3	224
Greater than 1.00 percent sulfur .....	462	3	465	790	151	168	1,109
Petrochemical Feedstocks .....	282	-	282	923	-	70	993
Naphtha for Petro. Feed. Use .....	282	-	282	767	-	35	802
Other Oils for Petro. Feed. Use .....	-	-	-	156	-	35	191
Special Naphthas .....	-	29	29	-43	-	22	-21
Lubricants .....	232	222	454	-	-	253	253
Waxes .....	-	8	8	-	-	45	45
Petroleum Coke .....	852	4	856	2,487	732	733	3,952
Marketable .....	113	-	113	1,587	569	576	2,732
Catalyst .....	739	4	743	900	163	157	1,220
Asphalt and Road Oil .....	1,224	245	1,469	3,440	1,063	505	5,008
Still Gas .....	893	64	957	2,048	676	792	3,516
Miscellaneous Products .....	30	11	41	172	111	63	346
<b>Total .....</b>	<b>98,311</b>	<b>7,206</b>	<b>105,517</b>	<b>79,033</b>	<b>17,663</b>	<b>24,268</b>	<b>120,964</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-1,537	-239	-1,776	-3,317	-1,321	-839	-5,477

See footnotes at end of table.

**Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2010**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases .....	1,044	4,903	4,580	37	30	10,594	141	2,349	15,273
Ethane/Ethylene .....	—	526	14	—	—	540	—	—	540
Ethane .....	—	345	14	—	—	359	—	—	359
Ethylene .....	—	181	—	—	—	181	—	—	181
Propane/Propylene .....	977	5,069	4,619	51	51	10,767	272	1,506	16,302
Propane .....	566	1,903	1,953	9	51	4,482	269	1,110	8,013
Propylene .....	411	3,166	2,666	42	—	6,285	3	396	8,289
Normal Butane/Butylene .....	17	-327	-217	-14	-21	-562	-96	789	-1,378
Normal Butane .....	17	138	-140	-14	-20	-19	-94	733	-829
Butylene .....	0	-465	-77	—	-1	-543	-2	56	-549
Isobutane/Isobutylene .....	50	-365	164	—	—	-151	-35	54	-191
Isobutane .....	50	-351	164	—	—	-137	-36	54	-198
Isobutylene .....	—	-14	—	—	—	-14	1	—	7
Finished Motor Gasoline .....	19,782	24,438	14,734	6,073	2,198	67,225	9,766	47,762	280,937
Reformulated .....	6,886	5,713	—	—	—	12,599	—	33,764	95,348
Reformulated Blended with Fuel Ethanol .....	6,246	5,713	—	—	—	11,959	—	33,322	94,317
Reformulated Other .....	640	—	—	—	—	640	—	442	1,031
Conventional .....	12,896	18,725	14,734	6,073	2,198	54,626	9,766	13,998	185,589
Conventional Blended with Fuel Ethanol .....	8,412	1,146	4,080	8,114	1,490	23,242	5,512	12,020	154,593
Ed55 and Lower .....	8,412	1,146	4,080	8,114	1,490	23,242	5,510	12,017	154,514
Greater than Ed55 .....	—	—	—	—	—	—	2	3	79
Conventional Other .....	4,484	17,579	10,654	-2,041	708	31,384	4,254	1,978	30,996
Finished Aviation Gasoline .....	84	48	220	—	—	352	12	34	480
Kerosene-Type Jet Fuel .....	1,218	8,238	10,382	214	39	20,091	723	11,514	40,816
Kerosene .....	23	—	357	11	—	391	-11	95	571
Distillate Fuel Oil .....	5,642	33,447	31,491	1,766	1,283	73,629	4,960	16,691	133,751
15 ppm sulfur and under .....	5,217	27,877	22,887	1,607	1,263	58,851	4,729	14,736	111,481
Greater than 15 ppm to 500 ppm sulfur .....	13	2,381	4,150	67	—	6,611	314	639	8,185
Greater than 500 ppm sulfur .....	412	3,189	4,454	92	20	8,167	-83	1,316	14,085
Residual Fuel Oil .....	181	5,399	3,586	97	164	9,427	308	3,863	16,381
Less than 0.31 percent sulfur .....	—	34	809	—	—	843	107	55	1,617
0.31 to 1.00 percent sulfur .....	68	110	460	142	10	790	43	1,302	2,732
Greater than 1.00 percent sulfur .....	113	5,255	2,317	-45	154	7,794	158	2,506	12,032
Petrochemical Feedstocks .....	52	4,589	2,485	14	—	7,140	—	8	8,423
Naphtha for Petro. Feed. Use .....	54	3,232	774	12	—	4,072	—	8	5,164
Other Oils for Petro. Feed. Use .....	-2	1,357	1,711	2	—	3,068	—	—	3,259
Special Naphthas .....	175	917	160	179	—	1,431	—	19	1,458
Lubricants .....	40	1,608	932	650	—	3,230	—	314	4,251
Waxes .....	—	40	39	28	—	107	—	—	160
Petroleum Coke .....	473	7,902	6,282	43	20	14,720	642	4,504	24,674
Marketable .....	263	5,766	5,029	43	—	11,101	420	3,728	18,094
Catalyst .....	210	2,136	1,253	—	20	3,619	222	776	6,580
Asphalt and Road Oil .....	438	348	432	1,063	94	2,375	1,102	846	10,800
Still Gas .....	768	5,467	3,830	151	153	10,369	664	3,701	19,207
Miscellaneous Products .....	113	713	519	10	10	1,365	123	412	2,287
<b>Total .....</b>	<b>30,033</b>	<b>98,057</b>	<b>80,029</b>	<b>10,336</b>	<b>3,991</b>	<b>222,446</b>	<b>18,430</b>	<b>92,112</b>	<b>559,469</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-2,244	-9,125	-7,065	-74	710	-17,798	-637	-5,324	-31,012

— = No Data Reported.

<sup>1</sup> Note: Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

**Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2010**  
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Crude Oil</b> .....	24,010	2,175	26,185	60,951	14,007	19,988	94,946
<b>Natural Gas Plant Liquids</b> .....	638	—	638	1,959	235	743	2,937
Pentanes Plus .....	—	—	—	660	141	393	1,194
Liquefied Petroleum Gases .....	638	—	638	1,299	94	350	1,743
Normal Butane .....	297	—	297	677	36	—	713
Isobutane .....	341	—	341	622	58	350	1,030
<b>Other Liquids</b> .....	-5,744	-549	-6,293	-22,709	-4,747	-194	-27,650
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	103	55	158	492	158	117	767
Hydrogen .....	25	2	27	255	85	79	419
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	78	53	131	185	73	38	296
Fuel Ethanol .....	78	48	126	185	62	38	285
Renewable Diesel Fuel .....	—	5	5	—	11	—	11
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	52	—	—	52
Unfinished Oils (net) .....	4,663	-260	4,403	1,088	-78	-130	880
Naphthas and Lighter .....	214	46	260	1,387	27	-124	1,290
Kerosene and Light Gas Oils .....	-128	—	-128	852	-107	826	1,571
Heavy Gas Oils .....	1,780	-311	1,469	-1,092	2	54	-1,036
Residuum .....	2,797	5	2,802	-59	—	-886	-945
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-10,510	-344	-10,854	-24,289	-4,827	-181	-29,297
Reformulated - RBOB .....	-8,570	—	-8,570	-6,830	-365	—	-7,195
Conventional .....	-1,940	-344	-2,284	-17,459	-4,462	-181	-22,102
CBOB .....	-2,441	-347	-2,788	-18,721	-3,421	-25	-22,167
GTAB .....	—	—	—	—	—	—	—
Other .....	501	3	504	1,262	-1,041	-156	65
Aviation Gasoline Blend. Comp. (net) .....	—	—	—	—	—	—	—
<b>Total Input to Refineries</b> .....	18,904	1,626	20,530	40,201	9,495	20,537	70,233
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	758	70	828	1,974	452	663	3,090
Operable Capacity (daily average) .....	1,302	95	1,397	2,422	447	859	3,728
Operable Utilization Rate (percent) <sup>2</sup> .....	58.2	73.9	59.2	81.5	101.3	77.2	82.9
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	138	14	152	407	69	151	627
Catalytic Cracking .....	447	1	449	582	134	169	884
Catalytic Hydrocracking .....	2	—	2	126	44	29	199
Delayed and Fluid Coking .....	15	—	15	157	61	57	275
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.63	0.81	0.65	1.27	2.02	0.97	1.32
API Gravity, Weighted Average (degrees) .....	34.05	37.18	34.31	34.17	27.86	35.79	33.56
<b>Operable Capacity (daily average)</b> .....	1,302	95	1,397	2,422	447	859	3,728
Operating .....	1,142	95	1,237	2,361	447	847	3,655
Idle .....	160	—	160	62	—	12	74
<b>Alaskan Crude Oil Receipts</b> .....	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2010**  
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Crude Oil</b>	<b>18,279</b>	<b>105,426</b>	<b>91,192</b>	<b>5,669</b>	<b>3,382</b>	<b>223,948</b>	<b>16,611</b>	<b>72,279</b>	<b>433,969</b>
<b>Natural Gas Plant Liquids</b>	<b>573</b>	<b>4,193</b>	<b>3,384</b>	<b>49</b>	<b>173</b>	<b>8,372</b>	<b>393</b>	<b>1,922</b>	<b>14,262</b>
Pentanes Plus	316	1,322	1,626	37	—	3,301	81	711	5,287
Liquefied Petroleum Gases	257	2,871	1,758	12	173	5,071	312	1,211	8,975
Normal Butane	78	1,329	716	—	—	2,123	111	697	3,941
Isobutane	179	1,542	1,042	12	173	2,948	201	514	5,034
<b>Other Liquids</b>	<b>-3,647</b>	<b>-25,900</b>	<b>-24,466</b>	<b>-28</b>	<b>447</b>	<b>-53,594</b>	<b>-465</b>	<b>-27,045</b>	<b>-115,047</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	150	1,786	1,518	145	888	4,487	415	1,358	7,185
Hydrogen	33	1,660	1,419	113	840	4,065	182	1,223	5,916
Oxygenates (excluding Fuel Ethanol)	—	74	—	—	—	74	—	—	74
Methyl Tertiary Butyl Ether (MTBE)	—	74	—	—	—	74	—	—	74
All Other Oxygenates <sup>1</sup>	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	117	52	99	32	48	348	233	135	1,143
Fuel Ethanol	117	52	99	32	48	348	233	132	1,124
Renewable Diesel Fuel	—	—	—	—	—	—	—	3	19
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	52
Unfinished Oils (net)	956	5,506	8,483	-120	196	15,021	-658	-479	19,167
Naphthas and Lighter	596	-683	217	-82	177	225	-198	-223	1,354
Kerosene and Light Gas Oils	-35	-1,002	1,787	7	17	774	-451	-248	1,518
Heavy Gas Oils	390	7,117	4,166	20	2	11,695	182	609	12,919
Residuum	5	74	2,313	-65	—	2,327	-191	-617	3,376
Motor Gasoline Blend Comp. (MGBC)(net)	-4,756	-33,192	-34,467	-53	-637	-73,105	-222	-27,924	-141,402
Reformulated - RBOB	-24	-16,384	-3,782	—	-731	-20,921	—	-25,217	-61,903
Conventional	-4,732	-16,808	-30,685	-53	94	-52,184	-222	-2,707	-79,499
CBOB	-3,697	-13,383	-29,217	-12	-13	-46,322	-590	-3,258	-75,125
GTAB	—	—	—	—	—	—	—	—	—
Other	-1,035	-3,425	-1,468	-41	107	-5,862	368	551	-4,374
Aviation Gasoline Blend. Comp. (net)	3	—	—	—	—	3	—	—	3
<b>Total Input to Refineries</b>	<b>15,205</b>	<b>83,719</b>	<b>70,110</b>	<b>5,690</b>	<b>4,002</b>	<b>178,726</b>	<b>16,539</b>	<b>47,156</b>	<b>333,184</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average)	621	3,440	3,098	177	109	7,446	537	2,552	14,453
Operable Capacity (daily average)	676	4,069	3,504	235	143	8,626	623	3,219	17,594
Operable Utilization Rate (percent) <sup>2</sup>	91.9	84.6	88.4	75.5	76.5	86.3	86.2	79.3	82.2
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming	144	480	498	26	24	1,172	89	386	2,427
Catalytic Cracking	142	1,217	1,040	19	25	2,444	164	618	4,559
Catalytic Hydrocracking	49	356	359	—	—	763	6	463	1,433
Delayed and Fluid Coking	29	656	531	7	—	1,223	51	464	2,027
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent)	0.80	1.73	1.44	1.42	1.03	1.52	1.48	1.27	1.38
API Gravity, Weighted Average (degrees)	35.85	28.44	30.12	32.49	36.32	29.94	33.33	27.70	30.74
<b>Operable Capacity (daily average)</b>	<b>676</b>	<b>4,069</b>	<b>3,504</b>	<b>235</b>	<b>143</b>	<b>8,626</b>	<b>623</b>	<b>3,219</b>	<b>17,594</b>
Operating	676	4,010	3,449	235	126	8,496	623	2,838	16,849
Idle	—	59	55	—	17	130	—	380	744
<b>Alaskan Crude Oil Receipts</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>17,704</b>	<b>17,704</b>

— = No Data Reported.

NA = Not Available.

<sup>1</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

<sup>2</sup> Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2010**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases .....	601	54	655	1,539	-119	114	1,534
Ethane/Ethylene .....	-	-	-	-	-	-	-
Ethane .....	-	-	-	-	-	-	-
Ethylene .....	-	-	-	-	-	-	-
Propane/Propylene .....	986	11	997	1,999	302	459	2,760
Propane .....	525	11	536	1,089	208	319	1,616
Propylene .....	461	-	461	910	94	140	1,144
Normal Butane/Butylene .....	-273	43	-230	-538	-411	-330	-1,279
Normal Butane .....	-291	43	-248	-459	-411	-331	-1,201
Butylene .....	18	-	18	-79	-	1	-78
Isobutane/Isobutylene .....	-112	-	-112	78	-10	-15	53
Isobutane .....	-132	-	-132	78	-10	-15	53
Isobutylene .....	20	-	20	-	-	-	-
Finished Motor Gasoline .....	4,712	465	5,177	9,564	2,789	10,357	22,710
Reformulated .....	1,545	-	1,545	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	1,545	-	1,545	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	3,167	465	3,632	9,564	2,789	10,357	22,710
Conventional Blended with Fuel Ethanol .....	26	479	505	1,854	568	376	2,798
Ed55 and Lower .....	26	479	505	1,854	568	376	2,798
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	3,141	-14	3,127	7,710	2,221	9,981	19,912
Finished Aviation Gasoline .....	-	-	-	-	82	-	82
Kerosene-Type Jet Fuel .....	1,985	-	1,985	5,316	813	783	6,912
Commercial .....	1,985	-	1,985	5,271	768	512	6,551
Military .....	-	-	-	45	45	271	361
Kerosene .....	39	10	49	26	-	1	27
Distillate Fuel Oil .....	8,263	739	9,002	17,105	4,446	7,464	29,015
15 ppm sulfur and under .....	4,939	669	5,608	16,868	4,079	6,672	27,619
Greater than 15 ppm to 500 ppm sulfur .....	-20	85	65	413	376	27	816
Greater than 500 ppm sulfur .....	3,344	-15	3,329	-176	-9	765	580
Residual Fuel Oil .....	1,312	14	1,326	937	225	172	1,334
Less than 0.31 percent sulfur .....	513	11	524	-	-	1	1
0.31 to 1.00 percent sulfur .....	492	-	492	147	74	3	224
Greater than 1.00 percent sulfur .....	307	3	310	790	151	168	1,109
Petrochemical Feedstocks .....	282	-	282	923	-	70	993
Naphtha for Petro. Feed. Use .....	282	-	282	767	-	35	802
Other Oils for Petro. Feed. Use .....	-	-	-	156	-	35	191
Special Naphthas .....	-	29	29	-43	-	22	-21
Lubricants .....	232	222	454	-	-	253	253
Naphthenic .....	-	-	-	-	-	-	-
Paraffinic .....	232	222	454	-	-	253	253
Waxes .....	-	8	8	-	-	45	45
Petroleum Coke .....	852	4	856	2,487	732	733	3,952
Marketable .....	113	-	113	1,587	569	576	2,732
Catalyst .....	739	4	743	900	163	157	1,220
Asphalt and Road Oil .....	1,224	245	1,469	3,440	1,061	504	5,005
Still Gas .....	893	64	957	2,048	676	792	3,516
Miscellaneous Products .....	30	11	41	172	111	63	346
Fuel Use .....	-	-	-	-	-	-	-
Nonfuel Use .....	30	11	41	172	111	63	346
<b>Total .....</b>	<b>20,425</b>	<b>1,865</b>	<b>22,290</b>	<b>43,514</b>	<b>10,816</b>	<b>21,373</b>	<b>75,703</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-1,521	-239	-1,760	-3,313	-1,321	-836	-5,470

See footnotes at end of table.



**Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2010**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases .....	1,044	4,903	4,580	37	30	10,594	141	2,349	15,273
Ethane/Ethylene .....	—	526	14	—	—	540	—	—	540
Ethane .....	—	345	14	—	—	359	—	—	359
Ethylene .....	—	181	—	—	—	181	—	—	181
Propane/Propylene .....	977	5,069	4,619	51	51	10,767	272	1,506	16,302
Propane .....	566	1,903	1,953	9	51	4,482	269	1,110	8,013
Propylene .....	411	3,166	2,666	42	—	6,285	3	396	8,289
Normal Butane/Butylene .....	17	-327	-217	-14	-21	-562	-96	789	-1,378
Normal Butane .....	17	138	-140	-14	-20	-19	-94	733	-829
Butylene .....	0	-465	-77	—	-1	-543	-2	56	-549
Isobutane/Isobutylene .....	50	-365	164	—	—	-151	-35	54	-191
Isobutane .....	50	-351	164	—	—	-137	-36	54	-198
Isobutylene .....	—	-14	—	—	—	-14	1	—	7
Finished Motor Gasoline .....	7,199	19,226	11,967	1,500	1,498	41,390	8,512	8,161	85,950
Reformulated .....	640	—	—	—	—	640	—	1,692	3,877
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	1,161	2,706
Reformulated Other .....	640	—	—	—	—	640	—	531	1,171
Conventional .....	6,559	19,226	11,967	1,500	1,498	40,750	8,512	6,469	82,073
Conventional Blended with Fuel Ethanol .....	1,166	517	985	275	481	3,424	2,320	149	9,196
Ed55 and Lower .....	1,166	517	985	275	481	3,424	2,320	149	9,196
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	5,393	18,709	10,982	1,225	1,017	37,326	6,192	6,320	72,877
Finished Aviation Gasoline .....	84	48	220	—	—	352	12	34	480
Kerosene-Type Jet Fuel .....	1,218	8,382	10,382	214	39	20,235	723	11,558	41,413
Commercial .....	869	7,379	9,946	36	—	18,230	612	10,441	37,819
Military .....	349	1,003	436	178	39	2,005	111	1,117	3,594
Kerosene .....	23	—	357	11	—	391	-11	72	528
Distillate Fuel Oil .....	5,642	33,322	31,503	1,767	1,287	73,521	4,960	16,651	133,149
15 ppm sulfur and under .....	5,217	27,779	22,887	1,608	1,263	58,754	4,729	14,703	111,413
Greater than 15 ppm to 500 ppm sulfur .....	13	2,263	4,150	67	—	6,493	314	665	8,353
Greater than 500 ppm sulfur .....	412	3,280	4,466	92	24	8,274	-83	1,283	13,383
Residual Fuel Oil .....	181	5,380	3,431	97	164	9,253	308	3,858	16,079
Less than 0.31 percent sulfur .....	—	21	809	—	—	830	107	55	1,517
0.31 to 1.00 percent sulfur .....	68	156	460	142	10	836	43	1,302	2,897
Greater than 1.00 percent sulfur .....	113	5,203	2,162	-45	154	7,587	158	2,501	11,665
Petrochemical Feedstocks .....	52	4,589	2,485	14	—	7,140	—	8	8,423
Naphtha for Petro. Feed. Use .....	54	3,232	774	12	—	4,072	—	8	5,164
Other Oils for Petro. Feed. Use .....	-2	1,357	1,711	2	—	3,068	—	—	3,259
Special Naphthas .....	175	917	160	179	—	1,431	—	19	1,458
Lubricants .....	40	1,608	932	650	—	3,230	—	314	4,251
Naphthenic .....	40	81	—	461	—	582	—	106	688
Paraffinic .....	—	1,527	932	189	—	2,648	—	208	3,563
Waxes .....	—	40	39	28	—	107	—	—	160
Petroleum Coke .....	473	7,902	6,282	43	20	14,720	642	4,504	24,674
Marketable .....	263	5,766	5,029	43	—	11,101	420	3,728	18,094
Catalyst .....	210	2,136	1,253	—	20	3,619	222	776	6,580
Asphalt and Road Oil .....	438	348	488	1,063	94	2,431	1,102	846	10,853
Still Gas .....	768	5,467	3,830	151	153	10,369	664	3,701	19,207
Miscellaneous Products .....	113	713	519	10	10	1,365	123	412	2,287
Fuel Use .....	—	—	—	—	—	—	—	—	—
Nonfuel Use .....	113	713	519	10	10	1,365	123	412	2,287
<b>Total .....</b>	<b>17,450</b>	<b>92,845</b>	<b>77,175</b>	<b>5,764</b>	<b>3,295</b>	<b>196,529</b>	<b>17,176</b>	<b>52,487</b>	<b>364,185</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-2,245	-9,126	-7,065	-74	707	-17,803	-637	-5,331	-31,001

— = No Data Reported.

<sup>1</sup> Note: Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 32. Blender Net Inputs of Petroleum Products by PAD District, October 2010**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids and Liquefied							
Refinery Gases .....	152	7	159	55	42	448	545
Pentanes Plus .....	—	—	—	—	—	24	24
Liquefied Petroleum Gases .....	152	7	159	55	42	424	521
Normal Butane .....	152	7	159	55	42	424	521
Isobutane .....	—	—	—	—	—	—	—
Other Liquids .....	77,718	5,334	83,052	35,460	6,805	2,444	44,709
Oxygenates/Renewables .....	8,698	683	9,381	4,311	1,095	1,252	6,658
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	8,698	683	9,381	4,311	1,095	1,252	6,658
Fuel Ethanol .....	8,673	682	9,355	4,247	1,022	1,249	6,518
Renewable Diesel Fuel .....	25	1	26	64	73	3	140
Other Renewable Fuels .....	—	—	—	—	—	—	—
Unfinished Oils (net) .....	88	-1	87	-92	—	—	-92
Naphthas and Lighter .....	—	—	—	-14	—	—	-14
Kerosene and Light Gas Oils .....	115	-1	114	-78	—	—	-78
Heavy Gas Oils .....	-27	—	-27	—	—	—	—
Residuum .....	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)(net) .....	68,932	4,652	73,584	31,241	5,710	1,192	38,143
Reformulated - RBOB .....	23,609	—	23,609	7,595	1,388	994	9,977
Conventional .....	45,323	4,652	49,975	23,646	4,322	198	28,166
CBOB .....	35,269	4,644	39,913	22,893	4,205	198	27,296
GTAB .....	4,617	—	4,617	—	—	—	—
Other .....	5,437	8	5,445	753	117	—	870
Aviation Gasoline Blend. Comp. (net) .....	—	—	—	—	—	—	—
Total Input .....	77,870	5,341	83,211	35,515	6,847	2,892	45,254

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids and Liquefied									
Refinery Gases .....	37	366	—	25	—	428	—	—	1,132
Pentanes Plus .....	4	182	—	—	—	186	—	—	210
Liquefied Petroleum Gases .....	33	184	—	25	—	242	—	—	922
Normal Butane .....	33	184	—	25	—	242	—	—	922
Isobutane .....	—	—	—	—	—	—	—	—	—
Other Liquids .....	12,547	4,847	2,854	4,547	699	25,494	1,254	39,632	194,141
Oxygenates/Renewables .....	1,354	636	302	784	99	3,175	326	4,444	23,984
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	1,354	636	302	784	99	3,175	326	4,444	23,984
Fuel Ethanol .....	1,354	636	302	784	99	3,175	326	4,423	23,797
Renewable Diesel Fuel .....	—	—	—	—	—	—	—	21	187
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Unfinished Oils (net) .....	—	—	87	—	—	87	—	—	82
Naphthas and Lighter .....	—	—	—	—	—	—	—	—	-14
Kerosene and Light Gas Oils .....	—	—	—	—	—	—	—	—	36
Heavy Gas Oils .....	—	—	87	—	—	87	—	—	60
Residuum .....	—	—	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)(net) .....	11,193	4,211	2,465	3,763	600	22,232	928	35,188	170,075
Reformulated - RBOB .....	5,674	4,390	—	—	—	10,064	10	28,864	72,524
Conventional .....	5,519	-179	2,465	3,763	600	12,168	918	6,324	97,551
CBOB .....	5,519	-1,845	2,465	3,734	600	10,473	918	6,282	84,882
GTAB .....	—	—	—	—	—	—	—	—	4,617
Other .....	—	1,666	—	29	—	1,695	—	42	8,052
Aviation Gasoline Blend. Comp. (net) .....	—	—	—	—	—	—	—	—	—
Total Input .....	12,584	5,213	2,854	4,572	699	25,922	1,254	39,632	195,273

- = No Data Reported.

<sup>1</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

**Table 33. Blender Net Production of Petroleum Products by PAD District, October 2010**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline .....	77,772	5,341	83,113	35,518	6,774	2,892	45,184
Reformulated .....	36,282	-	36,282	8,527	1,526	1,105	11,158
Reformulated Blended with Fuel Ethanol .....	36,333	-	36,333	8,527	1,526	1,105	11,158
Reformulated Other .....	-51	-	-51	-	-	-	-
Conventional .....	41,490	5,341	46,831	26,991	5,248	1,787	34,026
Conventional Blended with Fuel Ethanol .....	50,149	6,850	56,999	33,737	8,550	11,230	53,517
Ed55 and Lower .....	50,148	6,850	56,998	33,734	8,525	11,185	53,444
Greater than Ed55 .....	1	-	1	3	25	45	73
Conventional Other .....	-8,659	-1,509	-10,168	-6,746	-3,302	-9,443	-19,491
Finished Aviation Gasoline .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	-303	-	-303	-103	-2	-1	-106
Kerosene .....	61	-	61	-40	-1	-	-41
Distillate Fuel Oil .....	233	0	233	144	74	3	221
15 ppm sulfur and under .....	-174	-4	-178	39	74	3	116
Greater than 15 ppm to 500 ppm sulfur .....	-459	94	-365	105	0	-	105
Greater than 500 ppm sulfur .....	866	-90	776	-	-	-	-
Residual Fuel Oil .....	123	-	123	-	-	-	-
Less than 0.31 percent sulfur .....	87	-	87	-	-	-	-
0.31 to 1.00 percent sulfur .....	-119	-	-119	-	-	-	-
Greater than 1.00 percent sulfur .....	155	-	155	-	-	-	-
Special Naphthas .....	-	-	-	-	-	-	-
Lubricants .....	-	-	-	-	-	-	-
Asphalt and Road Oil .....	-	-	-	-	2	1	3
Miscellaneous Products .....	-	-	-	-	-	-	-
<b>Total Production</b> .....	<b>77,886</b>	<b>5,341</b>	<b>83,227</b>	<b>35,519</b>	<b>6,847</b>	<b>2,895</b>	<b>45,261</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-16	0	-16	-4	0	-3	-7

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline .....	12,583	5,212	2,767	4,573	700	25,835	1,254	39,601	194,987
Reformulated .....	6,246	5,713	-	-	-	11,959	-	32,072	91,471
Reformulated Blended with Fuel Ethanol .....	6,246	5,713	-	-	-	11,959	-	32,161	91,611
Reformulated Other .....	-	-	-	-	-	-	-	-89	-140
Conventional .....	6,337	-501	2,767	4,573	700	13,876	1,254	7,529	103,516
Conventional Blended with Fuel Ethanol .....	7,246	629	3,095	7,839	1,009	19,818	3,192	11,871	145,397
Ed55 and Lower .....	7,246	629	3,095	7,839	1,009	19,818	3,190	11,868	145,318
Greater than Ed55 .....	-	-	-	-	-	-	2	3	79
Conventional Other .....	-909	-1,130	-328	-3,266	-309	-5,942	-1,938	-4,342	-41,881
Finished Aviation Gasoline .....	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	-	-144	-	-	-	-144	-	-44	-597
Kerosene .....	-	-	-	-	-	-	-	23	43
Distillate Fuel Oil .....	-	125	-12	-1	-4	108	-	40	602
15 ppm sulfur and under .....	-	98	-	-1	-	97	-	33	68
Greater than 15 ppm to 500 ppm sulfur .....	-	118	-	-	-	118	-	-26	-168
Greater than 500 ppm sulfur .....	-	-91	-12	-	-4	-107	-	33	702
Residual Fuel Oil .....	-	19	155	-	-	174	-	5	302
Less than 0.31 percent sulfur .....	-	13	-	-	-	13	-	-	100
0.31 to 1.00 percent sulfur .....	-	-46	-	-	-	-46	-	-	-165
Greater than 1.00 percent sulfur .....	-	52	155	-	-	207	-	5	367
Special Naphthas .....	-	-	-	-	-	-	-	-	-
Lubricants .....	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil .....	-	-	-56	-	-	-56	-	-	-53
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total Production</b> .....	<b>12,583</b>	<b>5,212</b>	<b>2,854</b>	<b>4,572</b>	<b>696</b>	<b>25,917</b>	<b>1,254</b>	<b>39,625</b>	<b>195,284</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	1	1	0	0	3	5	0	7	-11

- = No Data Reported.

<sup>1</sup> Note: Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

**Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2010**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Crude Oil</b> .....	<b>9,520</b>	<b>407</b>	<b>9,927</b>	<b>7,887</b>	<b>2,123</b>	<b>2,235</b>	<b>12,245</b>
<b>Petroleum Products</b> .....	<b>22,151</b>	<b>1,746</b>	<b>23,897</b>	<b>29,977</b>	<b>7,006</b>	<b>11,254</b>	<b>48,237</b>
Pentanes Plus .....	—	—	—	125	133	236	494
Liquefied Petroleum Gases .....	1,618	112	1,730	3,307	603	1,514	5,424
Ethane/Ethylene .....	—	—	—	—	—	—	—
Propane/Propylene .....	309	14	323	1,595	21	977	2,593
Normal Butane/Butylene .....	1,045	89	1,134	1,462	514	315	2,291
Isobutane/Isobutylene .....	264	9	273	250	68	222	540
Oxygenates/Renewable Fuels/Other Hydrocarbons ....	50	59	109	67	25	5	97
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	50	59	109	36	25	5	66
Fuel Ethanol .....	50	57	107	36	20	5	61
Renewable Diesel Fuel .....	—	2	2	—	5	—	5
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	31	—	—	31
Unfinished Oils .....	4,970	644	5,614	8,820	1,032	3,689	13,541
Naphthas and Lighter .....	609	244	853	1,903	158	1,182	3,243
Kerosene and Light Gas Oils .....	223	—	223	1,809	248	522	2,579
Heavy Gas Oils .....	2,628	396	3,024	3,840	626	1,065	5,531
Residuum .....	1,510	4	1,514	1,268	—	920	2,188
Motor Gasoline Blending Components (MGBC) .....	6,430	140	6,570	7,201	1,496	891	9,588
Reformulated - RBOB .....	2,494	—	2,494	1,028	—	—	1,028
Conventional .....	3,936	140	4,076	6,173	1,496	891	8,560
CBOB .....	474	124	598	2,215	579	—	2,794
GTAB .....	—	—	—	—	—	—	—
Other .....	3,462	16	3,478	3,958	917	891	5,766
Aviation Gasoline Blending Components .....	—	—	—	—	—	—	—
Finished Motor Gasoline .....	402	35	437	1,344	633	1,861	3,838
Reformulated .....	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—
Conventional .....	402	35	437	1,344	633	1,861	3,838
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—
Conventional Other .....	402	35	437	1,344	633	1,861	3,838
Finished Aviation Gasoline .....	—	—	—	—	66	—	66
Kerosene-Type Jet Fuel .....	991	—	991	1,208	278	240	1,726
Kerosene .....	8	3	11	101	—	14	115
Distillate Fuel Oil .....	5,362	244	5,606	3,581	1,035	1,833	6,449
15 ppm sulfur and under .....	1,386	102	1,488	3,092	622	1,418	5,132
Greater than 15 ppm to 500 ppm sulfur .....	35	118	153	159	232	43	434
Greater than 500 ppm sulfur .....	3,941	24	3,965	330	181	372	883
Residual Fuel Oil .....	969	15	984	993	202	66	1,261
Less than 0.31 percent sulfur .....	140	9	149	—	—	—	—
0.31 to 1.00 percent sulfur .....	260	—	260	128	47	2	177
Greater than 1.00 percent sulfur .....	569	6	575	865	155	64	1,084
Petrochemical Feedstocks .....	247	—	247	415	—	9	424
Naphtha for Petro. Feed. Use .....	247	—	247	316	—	9	325
Other Oils for Petro. Feed. Use .....	—	—	—	99	—	—	99
Special Naphthas .....	—	16	16	89	—	14	103
Lubricants .....	395	201	596	5	—	222	227
Waxes .....	—	130	130	—	—	28	28
Petroleum Coke .....	78	—	78	313	310	84	707
Marketable .....	78	—	78	313	310	84	707
Catalyst .....	—	—	—	—	—	—	—
Asphalt and Road Oil .....	629	130	759	2,357	1,166	498	4,021
Miscellaneous Products .....	2	17	19	51	27	50	128
<b>Total Stocks, All Oils</b> .....	<b>31,671</b>	<b>2,153</b>	<b>33,824</b>	<b>37,864</b>	<b>9,129</b>	<b>13,489</b>	<b>60,482</b>

See footnotes at end of table.

**Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2010**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Crude Oil</b>	<b>1,271</b>	<b>26,834</b>	<b>18,189</b>	<b>1,022</b>	<b>427</b>	<b>47,743</b>	<b>1,847</b>	<b>24,166</b>	<b>95,928</b>
<b>Petroleum Products</b>	<b>10,622</b>	<b>56,481</b>	<b>45,463</b>	<b>3,435</b>	<b>1,388</b>	<b>117,389</b>	<b>10,417</b>	<b>49,848</b>	<b>249,788</b>
Pentanes Plus	353	128	278	6	5	770	11	—	1,275
Liquefied Petroleum Gases	3,016	804	4,975	11	49	8,855	413	2,266	18,688
Ethane/Ethylene	251	—	—	—	—	251	—	—	251
Propane/Propylene	1,858	86	511	3	4	2,462	99	157	5,634
Normal Butane/Butylene	682	528	3,795	4	29	5,038	208	1,636	10,307
Isobutane/Isobutylene	225	190	669	4	16	1,104	106	473	2,496
Oxygenates/Renewable Fuels/Other Hydrocarbons	27	117	21	28	12	205	61	41	513
Oxygenates (excluding Fuel Ethanol)	—	79	—	—	—	79	—	—	79
Methyl Tertiary Butyl Ether (MTBE)	—	79	—	—	—	79	—	—	79
All Other Oxygenates <sup>1</sup>	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	27	38	21	28	12	126	61	41	403
Fuel Ethanol	27	38	21	28	12	126	61	41	396
Renewable Diesel Fuel	—	—	—	—	—	—	—	—	7
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	31
Unfinished Oils	2,333	22,519	14,196	767	516	40,331	3,520	19,677	82,683
Naphthas and Lighter	1,037	6,559	2,357	190	146	10,289	939	4,706	20,030
Kerosene and Light Gas Oils	402	4,952	2,972	231	111	8,668	697	3,166	15,333
Heavy Gas Oils	362	8,218	6,616	320	259	15,775	1,244	9,432	35,006
Residuum	532	2,790	2,251	26	—	5,599	640	2,373	12,314
Motor Gasoline Blending Components (MGBC)	1,829	10,823	9,440	181	296	22,569	1,670	12,406	52,803
Reformulated - RBOB	—	2,048	208	—	—	2,256	—	4,463	10,241
Conventional	1,829	8,775	9,232	181	296	20,313	1,670	7,943	42,562
CBOB	439	1,738	4,238	96	129	6,640	245	647	10,924
GTAB	—	—	—	—	—	—	—	—	—
Other	1,390	7,037	4,994	85	167	13,673	1,425	7,296	31,638
Aviation Gasoline Blending Components	4	—	—	—	—	4	—	—	4
Finished Motor Gasoline	1,241	2,935	2,188	139	98	6,601	1,774	1,766	14,416
Reformulated	134	—	—	—	—	134	—	81	215
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	17	17
Reformulated Other	134	—	—	—	—	134	—	64	198
Conventional	1,107	2,935	2,188	139	98	6,467	1,774	1,685	14,201
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	45	—	45
Ed55 and Lower	—	—	—	—	—	—	45	—	45
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	1,107	2,935	2,188	139	98	6,467	1,729	1,685	14,156
Finished Aviation Gasoline	62	91	243	—	—	396	22	164	648
Kerosene-Type Jet Fuel	334	2,730	2,149	74	16	5,303	283	3,278	11,581
Kerosene	30	—	74	8	—	112	6	95	339
Distillate Fuel Oil	826	6,182	6,223	561	196	13,988	1,238	4,569	31,850
15 ppm sulfur and under	638	4,302	4,363	435	120	9,858	965	3,330	20,773
Greater than 15 ppm to 500 ppm sulfur	131	852	800	45	—	1,828	173	474	3,062
Greater than 500 ppm sulfur	57	1,028	1,060	81	76	2,302	100	765	8,015
Residual Fuel Oil	56	2,528	1,633	134	65	4,416	215	2,359	9,235
Less than 0.31 percent sulfur	—	43	62	—	—	105	11	121	386
0.31 to 1.00 percent sulfur	4	221	81	72	3	381	17	581	1,416
Greater than 1.00 percent sulfur	52	2,264	1,490	62	62	3,930	187	1,657	7,433
Petrochemical Feedstocks	67	1,352	587	9	—	2,015	—	2	2,688
Naphtha for Petro. Feed. Use	9	738	305	7	—	1,059	—	2	1,633
Other Oils for Petro. Feed. Use	58	614	282	2	—	956	—	—	1,055
Special Naphthas	25	769	—	78	—	872	—	24	1,015
Lubricants	54	1,442	1,283	483	—	3,262	—	733	4,818
Waxes	—	84	94	90	—	268	—	—	426
Petroleum Coke	30	3,675	1,504	—	—	5,209	413	1,387	7,794
Marketable	30	3,675	1,504	—	—	5,209	413	1,387	7,794
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	291	202	423	865	133	1,914	771	872	8,337
Miscellaneous Products	44	100	152	1	2	299	20	209	675
<b>Total Stocks, All Oils</b>	<b>11,893</b>	<b>83,315</b>	<b>63,652</b>	<b>4,457</b>	<b>1,815</b>	<b>165,132</b>	<b>12,264</b>	<b>74,014</b>	<b>345,716</b>

— = No Data Reported.

<sup>1</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 35. Percent Yield of Petroleum Products by PAD and Refining Districts, October 2010

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases .....	2.1	2.8	2.1	2.5	-0.9	0.6	1.6
Finished Motor Gasoline <sup>1</sup> .....	50.5	39.6	49.8	50.6	51.9	48.7	50.4
Finished Aviation Gasoline <sup>2</sup> .....	—	—	—	—	0.6	—	0.1
Kerosene-Type Jet Fuel .....	6.9	—	6.5	8.6	5.8	3.9	7.2
Kerosene .....	0.1	0.5	0.2	0.0	—	0.0	0.0
Distillate Fuel Oil .....	28.8	38.3	29.4	27.6	31.8	37.6	30.3
Residual Fuel Oil .....	4.6	0.7	4.3	1.5	1.6	0.9	1.4
Naphtha for Petro. Feed. Use .....	1.0	—	0.9	1.2	—	0.2	0.8
Other Oils for Petro. Feed. Use .....	—	—	—	0.3	—	0.2	0.2
Special Naphthas .....	—	1.5	0.1	-0.1	—	0.1	0.0
Lubricants .....	0.8	11.6	1.5	—	—	1.3	0.3
Waxes .....	—	0.4	0.0	—	—	0.2	0.1
Petroleum Coke .....	3.0	0.2	2.8	4.0	5.3	3.7	4.1
Asphalt and Road Oil .....	4.3	12.8	4.8	5.5	7.6	2.5	5.2
Still Gas .....	3.1	3.3	3.1	3.3	4.9	4.0	3.7
Miscellaneous Products .....	0.1	0.6	0.1	0.3	0.8	0.3	0.4
Processing Gain(-) or Loss(+) <sup>3</sup> .....	-5.3	-12.5	-5.8	-5.4	-9.5	-4.2	-5.7

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases .....	5.4	4.4	4.6	0.7	0.8	4.4	0.9	3.3	3.4
Finished Motor Gasoline <sup>1</sup> .....	58.4	41.9	41.7	24.5	30.0	42.5	49.7	45.7	45.4
Finished Aviation Gasoline <sup>2</sup> .....	0.4	0.0	0.2	—	—	0.2	0.1	0.1	0.1
Kerosene-Type Jet Fuel .....	6.3	7.6	10.4	3.9	1.1	8.5	4.5	16.1	9.1
Kerosene .....	0.1	—	0.4	0.2	—	0.2	-0.1	0.1	0.1
Distillate Fuel Oil .....	29.3	30.0	31.6	31.8	36.0	30.8	31.1	23.2	29.4
Residual Fuel Oil .....	0.9	4.9	3.4	1.8	4.6	3.9	1.9	5.4	3.6
Naphtha for Petro. Feed. Use .....	0.3	2.9	0.8	0.2	—	1.7	—	0.0	1.1
Other Oils for Petro. Feed. Use .....	0.0	1.2	1.7	0.0	—	1.3	—	—	0.7
Special Naphthas .....	0.9	0.8	0.2	3.2	—	0.6	—	0.0	0.3
Lubricants .....	0.2	1.5	0.9	11.7	—	1.4	—	0.4	0.9
Waxes .....	—	0.0	0.0	0.5	—	0.0	—	—	0.0
Petroleum Coke .....	2.5	7.1	6.3	0.8	0.6	6.2	4.0	6.3	5.5
Asphalt and Road Oil .....	2.3	0.3	0.5	19.2	2.6	1.0	6.9	1.2	2.4
Still Gas .....	4.0	4.9	3.8	2.7	4.3	4.3	4.2	5.2	4.2
Miscellaneous Products .....	0.6	0.6	0.5	0.0	0.0	0.6	0.8	0.6	0.5
Processing Gain(-) or Loss(+) <sup>3</sup> .....	-11.7	-8.2	-7.1	-1.3	19.8	-7.5	-4.0	-7.4	-6.8

— = No Data Reported.

<sup>1</sup> Based on total finished motor gasoline output minus net input of motor gasoline blending components, minus input of natural gas plant liquids, hydrogen, other hydrocarbons and oxygenates.

<sup>2</sup> Based on finished aviation gasoline output minus net input of aviation gasoline blending components.

<sup>3</sup> Note: Represents the arithmetic difference between input and production.

Note: Percent yield is based on crude oil input and net reruns of unfinished oils

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 30 and 31.



**Table 36. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, October 2010**  
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
<b>PAD District 1</b> .....	<b>1,772</b>	<b>414</b>	<b>5,730</b>	<b>7,916</b>
Connecticut .....	—	—	—	—
Delaware .....	—	—	—	—
Florida .....	430	83	698	1,211
Georgia .....	—	—	573	573
Maine .....	—	—	142	142
Maryland .....	—	—	391	391
Massachusetts .....	—	—	75	75
New Hampshire .....	—	—	—	—
New Jersey .....	1,185	—	2,025	3,210
New York .....	7	330	1,510	1,847
North Carolina .....	—	—	65	65
Pennsylvania .....	150	—	—	150
Rhode Island .....	—	—	—	—
South Carolina .....	—	—	140	140
Vermont .....	—	1	5	6
Virginia .....	—	—	106	106
West Virginia .....	—	—	—	—
<b>PAD District 2</b> .....	<b>2</b>	<b>71</b>	<b>3</b>	<b>76</b>
Illinois .....	—	—	—	—
Indiana .....	—	—	—	—
Michigan .....	—	—	—	—
Minnesota .....	2	57	—	59
North Dakota .....	—	14	3	17
Ohio .....	—	—	—	—
Wisconsin .....	—	—	—	—
<b>PAD District 3</b> .....	<b>—</b>	<b>—</b>	<b>1,562</b>	<b>1,562</b>
Alabama .....	—	—	—	—
Louisiana .....	—	—	—	—
Mississippi .....	—	—	—	—
New Mexico .....	—	—	—	—
Texas .....	—	—	1,562	1,562
<b>PAD District 4</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Idaho .....	—	—	—	—
Montana .....	—	—	—	—
<b>PAD District 5</b> .....	<b>622</b>	<b>103</b>	<b>977</b>	<b>1,702</b>
Alaska .....	—	—	—	—
California .....	622	103	969	1,694
Hawaii .....	—	—	—	—
Oregon .....	—	—	—	—
Washington .....	—	—	8	8
<b>U.S. Total</b> .....	<b>2,396</b>	<b>588</b>	<b>8,272</b>	<b>11,256</b>

— = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 37. Imports of Crude Oil and Petroleum Products by PAD District, October 2010**  
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1,2</sup></b>	<b>27,657</b>	<b>38,394</b>	<b>151,303</b>	<b>7,874</b>	<b>37,945</b>	<b>263,173</b>	<b>8,489</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	<b>2,031</b>	<b>2,422</b>	<b>339</b>	<b>247</b>	<b>129</b>	<b>5,168</b>	<b>167</b>
Pentanes Plus	—	7	107	—	—	114	4
Liquefied Petroleum Gases	2,031	2,415	232	247	129	5,054	163
Ethane	—	—	—	—	—	—	—
Ethylene	—	11	—	—	—	11	0
Propane	1,476	1,382	—	247	115	3,220	104
Propylene	242	533	54	—	—	829	27
Normal Butane	100	209	—	—	14	323	10
Butylene	—	126	178	—	—	304	10
Isobutane	213	154	—	—	—	367	12
Isobutylene	—	—	—	—	—	—	—
<b>Other Liquids</b>	<b>26,417</b>	<b>166</b>	<b>19,631</b>	<b>—</b>	<b>1,695</b>	<b>47,909</b>	<b>1,545</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	3	74	92	—	—	169	5
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
Other Oxygenates <sup>3</sup>	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	3	18	—	—	—	21	1
Fuel Ethanol	1	—	—	—	—	1	0
Biomass-Based Diesel Fuel	—	18	—	—	—	18	1
Other Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Renewable Fuels	2	—	—	—	—	2	0
Other Hydrocarbons	—	56	92	—	—	148	5
Unfinished Oils <sup>1</sup>	4,557	6	17,351	—	1,295	23,209	749
Naphthas and Lighter	50	6	1,820	—	30	1,906	61
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	4,444	—	6,590	—	1,265	12,299	397
Residuum	63	—	8,941	—	—	9,004	290
Motor Gasoline Blend.Comp. (MGBC)	21,857	86	2,188	—	400	24,531	791
Reformulated - RBOB	6,161	2	—	—	—	6,163	199
Conventional	15,696	84	2,188	—	400	18,368	593
CBOB	2,790	—	—	—	—	2,790	90
GTAB	2,502	—	—	—	—	2,502	81
Other	10,404	84	2,188	—	400	13,076	422
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
<b>Finished Petroleum Products</b>	<b>16,146</b>	<b>976</b>	<b>8,220</b>	<b>210</b>	<b>3,096</b>	<b>28,648</b>	<b>924</b>
Finished Motor Gasoline	1,782	56	727	—	86	2,651	86
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	1,782	56	727	—	86	2,651	86
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	1,782	56	727	—	86	2,651	86
Finished Aviation Gasoline	4	3	—	1	—	8	0
Kerosene-Type Jet Fuel	1,071	—	726	—	1,106	2,903	94
Bonded Aircraft Fuel	232	—	—	—	761	993	32
Other	839	—	726	—	345	1,910	62
Kerosene	27	1	—	—	—	28	1
Distillate Fuel Oil	4,421	222	164	175	86	5,068	163
15 ppm sulfur and under	3,161	191	—	175	86	3,613	117
Bonded	—	—	—	—	—	—	—
Other	3,161	191	—	175	86	3,613	117
Greater than 15 ppm to 500 ppm sulfur	200	31	—	—	—	231	7
Bonded	—	—	—	—	—	—	—
Other	200	31	—	—	—	231	7
Greater than 500 ppm to 2000 ppm sulfur	1,060	—	164	—	—	1,224	39
Bonded	—	—	—	—	—	—	—
Other	1,060	—	164	—	—	1,224	39
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	7,916	76	1,562	—	1,702	11,256	363
Less than 0.31 percent sulfur	1,772	2	—	—	622	2,396	77
0.31 to 1.00 percent sulfur	414	71	—	—	103	588	19
Greater than 1.00 percent sulfur	5,730	3	1,562	—	977	8,272	267
Petrochemical Feedstocks	102	95	3,918	—	72	4,187	135
Naphtha for Petro. Feed. Use	97	64	1,134	—	72	1,367	44
Other Oils for Petro. Feed. Use	5	31	2,784	—	—	2,820	91
Special Naphthas	39	26	299	—	—	364	12
Lubricants	79	236	788	—	2	1,105	36
Waxes	63	2	36	—	—	101	3
Petroleum Coke (Marketable)	228	76	—	—	21	325	10
Asphalt and Road Oil	413	179	—	33	21	646	21
Miscellaneous Products	1	4	—	1	—	6	0
<b>Total</b>	<b>72,251</b>	<b>41,958</b>	<b>179,493</b>	<b>8,331</b>	<b>42,865</b>	<b>344,898</b>	<b>11,126</b>

— = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January-October 2010**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1,2</sup></b>	<b>345,041</b>	<b>416,147</b>	<b>1,640,358</b>	<b>71,866</b>	<b>345,293</b>	<b>2,818,705</b>	<b>9,272</b>
<b>Natural Gas Plant Liquids and Liquefied Refinery Gases</b>	<b>17,181</b>	<b>19,045</b>	<b>5,891</b>	<b>2,674</b>	<b>1,255</b>	<b>46,046</b>	<b>151</b>
Pentanes Plus	—	74	3,173	—	—	3,247	11
Liquefied Petroleum Gases	17,181	18,971	2,718	2,674	1,255	42,799	141
Ethane	—	—	—	—	—	—	—
Ethylene	—	113	—	—	—	113	0
Propane	11,687	10,199	1	2,069	986	24,942	82
Propylene	3,089	5,154	143	—	—	8,386	28
Normal Butane	925	1,481	1,055	533	261	4,255	14
Butylene	—	708	1,346	19	—	2,073	7
Isobutane	1,480	1,316	173	53	8	3,030	10
Isobutylene	—	—	—	—	—	—	—
<b>Other Liquids</b>	<b>240,698</b>	<b>1,103</b>	<b>158,131</b>	<b>10</b>	<b>25,203</b>	<b>425,145</b>	<b>1,399</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	809	748	568	10	67	2,202	7
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
Other Oxygenates <sup>3</sup>	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	191	138	—	10	67	406	1
Fuel Ethanol	160	—	—	10	67	237	1
Biomass-Based Diesel Fuel	11	136	—	—	—	147	0
Other Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Renewable Fuels	20	2	—	—	—	22	0
Other Hydrocarbons	618	610	568	—	—	1,796	6
Unfinished Oils <sup>1</sup>	26,288	111	141,733	—	16,940	185,072	609
Naphthas and Lighter	3,616	111	15,212	—	631	19,570	64
Kerosene and Lighter Gas Oils	1,129	—	2,264	—	42	3,435	11
Heavy Gas Oils	20,398	—	47,495	—	15,923	83,816	276
Residuum	1,145	—	76,762	—	344	78,251	257
Motor Gasoline Blend.Comp. (MGBC)	213,601	244	15,830	—	8,196	237,871	782
Reformulated - RBOB	57,789	9	—	—	1,369	59,167	195
Conventional	155,812	235	15,830	—	6,827	178,704	588
CBOB	24,829	—	—	—	1,798	26,627	88
GTAB	33,968	—	94	—	315	34,377	113
Other	97,015	235	15,736	—	4,714	117,700	387
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
<b>Finished Petroleum Products</b>	<b>185,435</b>	<b>9,223</b>	<b>86,718</b>	<b>2,735</b>	<b>38,752</b>	<b>322,863</b>	<b>1,062</b>
Finished Motor Gasoline	26,484	476	10,942	—	4,518	42,420	140
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	26,484	476	10,942	—	4,518	42,420	140
Conventional Blended with Fuel Ethanol	—	65	—	—	—	65	0
Ed55 and Lower	—	65	—	—	—	65	0
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	26,484	411	10,942	—	4,518	42,355	139
Finished Aviation Gasoline	38	21	—	2	—	61	0
Kerosene-Type Jet Fuel	14,609	—	1,400	21	11,525	27,555	91
Bonded Aircraft Fuel	1,772	—	—	—	5,243	7,015	23
Other	12,837	—	1,400	21	6,282	20,540	68
Kerosene	604	3	—	—	—	607	2
Distillate Fuel Oil	59,189	2,104	2,855	1,997	3,141	69,286	228
15 ppm sulfur and under	31,667	1,736	—	1,935	2,796	38,134	125
Bonded	1	—	—	5	87	93	0
Other	31,666	1,736	—	1,930	2,709	38,041	125
Greater than 15 ppm to 500 ppm sulfur	8,814	306	229	62	275	9,686	32
Bonded	—	—	—	—	—	—	—
Other	8,814	306	229	62	275	9,686	32
Greater than 500 ppm to 2000 ppm sulfur	17,840	—	1,430	—	70	19,340	64
Bonded	—	—	—	—	—	—	—
Other	17,840	—	1,430	—	70	19,340	64
Greater than 2000 ppm	868	62	1,196	—	—	2,126	7
Bonded	—	—	—	—	—	—	—
Other	868	62	1,196	—	—	2,126	7
Residual Fuel Oil	75,537	769	22,183	—	17,451	115,940	381
Less than 0.31 percent sulfur	15,332	21	2,783	—	622	18,758	62
0.31 to 1.00 percent sulfur	10,790	670	2,928	—	2,434	16,822	55
Greater than 1.00 percent sulfur	49,415	78	16,472	—	14,395	80,360	264
Petrochemical Feedstocks	933	1,310	40,249	—	390	42,882	141
Naphtha for Petro. Feed. Use	859	841	12,775	—	390	14,865	49
Other Oils for Petro. Feed. Use	74	469	27,474	—	—	28,017	92
Special Naphthas	319	343	2,906	—	—	3,568	12
Lubricants	1,046	2,073	4,925	—	31	8,075	27
Waxes	655	53	349	—	415	1,472	5
Petroleum Coke (Marketable)	2,831	567	909	—	259	4,566	15
Asphalt and Road Oil	3,183	1,449	—	701	1,021	6,354	21
Miscellaneous Products	7	55	—	14	1	77	0
<b>Total</b>	<b>788,355</b>	<b>445,518</b>	<b>1,891,098</b>	<b>77,285</b>	<b>410,503</b>	<b>3,612,759</b>	<b>11,884</b>

— = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, October 2010**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>123,260</b>	—	<b>470</b>	<b>4,391</b>	—	<b>15</b>	<b>15</b>	—	<b>1,710</b>	<b>1,710</b>
Algeria .....	8,029	—	416	3,035	—	15	15	—	—	—
Angola .....	9,654	—	—	377	—	—	—	—	—	—
Ecuador .....	6,302	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—
Iraq .....	4,444	—	—	—	—	—	—	—	—	—
Kuwait .....	6,669	—	—	—	—	—	—	—	—	—
Libya .....	943	—	54	—	—	—	—	—	—	—
Nigeria .....	25,182	—	—	698	—	—	—	—	837	837
Qatar .....	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	34,549	—	—	—	—	—	—	—	100	100
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—
Venezuela .....	27,488	—	—	281	—	—	—	—	773	773
<b>Non-OPEC</b> .....	<b>139,913</b>	<b>114</b>	<b>4,584</b>	<b>18,818</b>	—	<b>2,636</b>	<b>2,636</b>	<b>6,163</b>	<b>16,658</b>	<b>22,821</b>
Argentina .....	1,957	107	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	115	115	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	1,673	—	328	328	—	260	260
Brazil .....	5,210	—	1	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—	—
Cameroon .....	988	—	—	—	—	—	—	—	55	55
Canada .....	57,052	7	3,907	93	—	853	853	3,471	720	4,191
Chad .....	1,522	—	—	—	—	—	—	—	—	—
China .....	241	—	—	—	—	—	—	—	—	—
Colombia .....	12,395	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	1,802	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	35	35
Egypt .....	572	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	1,333	—	353	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	21	473	494
France .....	—	—	—	—	—	—	—	—	905	905
Gabon .....	3,134	—	—	—	—	—	—	—	—	—
Germany .....	—	—	35	—	—	—	—	—	67	67
Guatemala .....	277	—	—	—	—	—	—	—	—	—
India .....	—	—	—	480	—	—	—	—	1,023	1,023
Indonesia .....	1,526	—	—	—	—	—	—	—	250	250
Italy .....	—	—	34	737	—	405	405	—	278	278
Korea, South .....	—	—	—	—	—	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—	—
Mexico .....	36,515	—	35	763	—	—	—	—	1,492	1,492
Netherlands .....	—	—	72	616	—	33	33	—	1,843	1,843
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—
Norway .....	1,088	—	146	390	—	—	—	—	1,743	1,743
Oman .....	3,331	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	385	385	—	138	138
Russia .....	5,631	—	—	10,666	—	—	—	—	1,515	1,515
Spain .....	—	—	—	—	—	—	—	—	870	870
Sweden .....	—	—	—	—	—	255	255	—	—	—
Syria .....	—	—	—	395	—	—	—	—	—	—
Trinidad and Tobago .....	1,657	—	—	350	—	—	—	—	—	—
United Kingdom .....	—	—	—	1,009	—	60	60	645	2,671	3,316
Vietnam .....	549	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	1,024	—	—	—	2,026	1,740	3,766
Yemen .....	—	—	—	—	—	—	—	—	—	—
Other .....	3,133	0	1	622	—	202	202	0	580	580
<b>Total</b> .....	<b>263,173</b>	<b>114</b>	<b>5,054</b>	<b>23,209</b>	—	<b>2,651</b>	<b>2,651</b>	<b>6,163</b>	<b>18,368</b>	<b>24,531</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>45,662</b>	—	—	—	—	—	—	—	<b>100</b>	<b>100</b>

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-	-	-	-	-	-	7	-	-	-	7
Algeria .....	-	-	-	-	-	-	7	-	-	-	7
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	1	18	-	2	3,606	231	1,224	-	5,061
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	1	18	-	2	2,065	231	546	-	2,842
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	164	-	164
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	1,541	-	514	-	2,055
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	0	0	-	0	0	0	0	-	0
<b>Total</b> .....	-	-	1	18	-	2	3,613	231	1,224	-	5,068
<b>Persian Gulf</b> <sup>3</sup> .....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
<b>OPEC</b> .....	—	—	—	228	88	704	—	24	728
Algeria .....	—	—	—	—	—	704	—	—	704
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	24	24
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	88	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	228	—	—	—	—	—
<b>Non-OPEC</b> .....	28	8	—	2,675	276	1,692	588	8,248	10,528
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	370	370
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	38	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	28	8	—	114	106	439	402	1,135	1,976
Chad .....	—	—	—	—	—	—	39	607	646
China .....	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	44	633	677
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	1,143	132	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	622	103	1,901	2,626
Netherlands .....	—	—	—	—	—	318	—	223	541
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	—	1,814	1,814
Spain .....	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	545	545
United Kingdom .....	—	—	—	—	—	313	—	—	313
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	510	—	—	—	816	816
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	908	0	0	0	204	204
<b>Total</b> .....	28	8	—	2,903	364	2,396	588	8,272	11,256
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	88	—	—	—	—

See footnotes at end of table.



**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	<b>398</b>	<b>1,764</b>	—	<b>29</b>	<b>6</b>	<b>23</b>	—	<b>9,857</b>	<b>133,117</b>	<b>3,976</b>	<b>318</b>	<b>4,294</b>
Algeria .....	294	1,482	—	—	—	—	—	5,953	13,982	259	192	451
Angola .....	—	—	—	—	—	—	—	377	10,031	311	12	324
Ecuador .....	—	—	—	—	—	—	—	—	6,302	203	—	203
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	4,444	143	—	143
Kuwait .....	—	—	—	—	—	—	—	—	6,669	215	—	215
Libya .....	104	—	—	—	—	—	—	158	1,101	30	5	36
Nigeria .....	—	282	—	—	—	—	—	1,841	27,023	812	59	872
Qatar .....	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	188	34,737	1,114	6	1,121
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	29	6	23	—	1,340	28,828	887	43	930
<b>Non-OPEC</b> .....	<b>969</b>	<b>1,056</b>	<b>101</b>	<b>296</b>	<b>640</b>	<b>1,082</b>	<b>6</b>	<b>71,868</b>	<b>211,781</b>	<b>4,513</b>	<b>2,318</b>	<b>6,832</b>
Argentina .....	—	14	—	—	—	1	—	122	2,079	63	4	67
Aruba .....	—	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	485	485	—	16	16
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	10	—	2,271	2,271	—	73	73
Brazil .....	—	—	—	—	—	—	—	39	5,249	168	1	169
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	55	1,043	32	2	34
Canada .....	115	249	33	94	640	307	6	15,646	72,698	1,840	505	2,345
Chad .....	—	—	—	—	—	—	—	646	2,168	49	21	70
China .....	—	—	2	—	—	—	—	3	244	8	0	8
Colombia .....	—	—	—	—	—	—	—	677	13,072	400	22	422
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	1,802	58	—	58
Denmark .....	—	—	—	—	—	—	—	35	35	—	1	1
Egypt .....	—	—	—	—	—	—	—	—	572	18	—	18
Equatorial Guinea .....	—	—	—	—	—	—	—	353	1,686	43	11	54
Estonia .....	—	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	9	—	503	503	—	16	16
France .....	—	—	—	—	—	5	—	910	910	—	29	29
Gabon .....	13	—	—	—	—	—	—	13	3,147	101	0	102
Germany .....	—	285	2	3	—	4	—	396	396	—	13	13
Guatemala .....	—	—	—	—	—	—	—	—	277	9	—	9
India .....	—	—	—	—	—	—	—	1,503	1,503	—	48	48
Indonesia .....	—	—	—	—	—	129	—	379	1,905	49	12	61
Italy .....	—	—	—	—	—	23	—	1,477	1,477	—	48	48
Korea, South .....	72	—	—	—	—	495	—	1,842	1,842	—	59	59
Latvia .....	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	22	—	—	—	—	22	22	—	1	1
Mexico .....	264	—	—	—	—	7	—	5,187	41,702	1,178	167	1,345
Netherlands .....	36	—	—	—	—	79	—	3,308	3,308	—	107	107
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—	—
Norway .....	82	—	—	—	—	—	—	2,361	3,449	35	76	111
Oman .....	—	—	—	—	—	—	—	—	3,331	107	—	107
Portugal .....	—	—	—	—	—	—	—	523	523	—	17	17
Russia .....	—	508	—	—	—	—	—	14,667	20,298	182	473	655
Spain .....	—	—	—	—	—	—	—	870	870	—	28	28
Sweden .....	—	—	—	1	—	—	—	256	256	—	8	8
Syria .....	—	—	—	—	—	—	—	395	395	—	13	13
Trinidad and Tobago .....	—	—	—	—	—	—	—	895	2,552	53	29	82
United Kingdom .....	—	—	—	—	—	13	—	4,711	4,711	—	152	152
Vietnam .....	—	—	—	—	—	—	—	—	549	18	—	18
Virgin Islands, U.S. ....	—	—	—	198	—	—	—	8,369	8,369	—	270	270
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	387	0	42	0	0	0	0	2,949	6,082	102	96	198
<b>Total</b> .....	<b>1,367</b>	<b>2,820</b>	<b>101</b>	<b>325</b>	<b>646</b>	<b>1,105</b>	<b>6</b>	<b>81,725</b>	<b>344,898</b>	<b>8,489</b>	<b>2,636</b>	<b>11,126</b>
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	—	—	—	<b>188</b>	<b>45,850</b>	<b>1,473</b>	<b>6</b>	<b>1,479</b>

— = No Data Reported.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

**Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-October 2010**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>1,399,617</b>	<b>2,325</b>	<b>5,761</b>	<b>32,849</b>	—	<b>1,177</b>	<b>1,177</b>	<b>239</b>	<b>20,324</b>	<b>20,563</b>
Algeria .....	99,037	649	5,282	21,364	—	76	76	—	1,584	1,584
Angola .....	121,341	—	—	2,146	—	—	—	—	—	—
Ecuador .....	59,697	—	—	—	—	—	—	—	363	363
Iran .....	—	—	—	—	—	—	—	—	—	—
Iraq .....	130,500	—	—	—	—	—	—	—	—	—
Kuwait .....	62,303	—	—	—	—	—	—	—	—	—
Libya .....	14,086	—	337	1,511	—	—	—	—	—	—
Nigeria .....	303,885	267	—	3,067	—	—	—	—	6,879	6,879
Qatar .....	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	327,333	—	—	586	—	711	711	—	763	763
United Arab Emirates .....	609	—	—	—	—	—	—	—	—	—
Venezuela .....	280,826	1,409	142	4,175	—	390	390	239	10,735	10,974
<b>Non-OPEC</b> .....	<b>1,419,088</b>	<b>922</b>	<b>37,038</b>	<b>152,223</b>	—	<b>41,243</b>	<b>41,243</b>	<b>58,928</b>	<b>158,380</b>	<b>217,308</b>
Argentina .....	6,951	192	—	—	—	—	—	—	527	527
Aruba .....	—	—	—	—	—	—	—	—	—	—
Australia .....	3,706	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	1,136	1,136	—	281	281
Bahrain .....	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	98	15,530	—	809	809	80	4,367	4,447
Brazil .....	78,558	—	272	289	—	—	—	—	67	67
Brunei .....	—	—	—	—	—	—	—	—	—	—
Cameroon .....	14,896	—	—	761	—	—	—	—	55	55
Canada .....	596,457	74	31,793	4,480	—	12,256	12,256	31,976	7,563	39,539
Chad .....	5,245	—	—	—	—	—	—	—	—	—
China .....	1,214	—	—	—	—	—	—	—	22	22
Colombia .....	102,040	—	—	1,248	—	297	297	285	100	385
Congo (Brazzaville) .....	22,712	—	—	303	—	—	—	—	—	—
Denmark .....	—	—	—	308	—	—	—	—	109	109
Egypt .....	3,120	—	—	853	—	—	—	—	—	—
Equatorial Guinea .....	17,919	—	1,501	—	—	—	—	—	—	—
Estonia .....	—	—	—	1,831	—	—	—	—	35	35
Finland .....	—	—	43	129	—	—	—	94	1,949	2,043
France .....	—	—	—	170	—	—	—	126	8,356	8,482
Gabon .....	15,576	—	—	—	—	—	—	—	—	—
Germany .....	—	—	35	770	—	2	2	188	747	935
Guatemala .....	3,937	—	—	—	—	—	—	—	—	—
India .....	—	—	—	1,500	—	2,746	2,746	625	11,360	11,985
Indonesia .....	9,805	—	—	—	—	—	—	—	250	250
Italy .....	—	—	321	2,898	—	3,085	3,085	113	4,386	4,499
Korea, South .....	—	—	90	—	—	1,712	1,712	249	1,758	2,007
Latvia .....	—	—	—	—	—	—	—	—	992	992
Lithuania .....	—	—	—	177	—	846	846	55	1,707	1,762
Malaysia .....	959	—	45	474	—	—	—	—	293	293
Mexico .....	341,312	—	340	7,715	—	—	—	—	7,561	7,561
Netherlands .....	—	—	238	6,662	—	6,012	6,012	2,054	17,206	19,260
Netherlands Antilles .....	—	—	—	—	—	—	—	—	742	742
Norway .....	9,201	511	1,793	3,923	—	960	960	—	11,866	11,866
Oman .....	3,331	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	39	121	—	1,924	1,924	437	2,683	3,120
Russia .....	84,570	—	—	68,019	—	202	202	212	8,634	8,846
Spain .....	—	—	—	261	—	3,528	3,528	60	8,430	8,490
Sweden .....	—	—	—	868	—	1,405	1,405	60	1,999	2,059
Syria .....	—	—	—	2,521	—	—	—	—	—	—
Trinidad and Tobago .....	14,824	—	355	2,468	—	124	124	—	1,328	1,328
United Kingdom .....	37,642	145	—	4,919	—	3,089	3,089	6,272	26,645	32,917
Vietnam .....	4,223	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	11,769	—	—	—	15,367	19,681	35,048
Yemen .....	—	—	—	—	—	—	—	—	—	—
Other .....	40,890	0	75	11,256	—	1,110	1,110	675	6,681	7,356
<b>Total</b> .....	<b>2,818,705</b>	<b>3,247</b>	<b>42,799</b>	<b>185,072</b>	—	<b>42,420</b>	<b>42,420</b>	<b>59,167</b>	<b>178,704</b>	<b>237,871</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>520,745</b>	—	—	<b>586</b>	—	<b>711</b>	<b>711</b>	—	<b>763</b>	<b>763</b>

See footnotes at end of table.

**Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
<b>OPEC</b> .....	—	—	—	—	—	—	816	20	18	429	1,283
Algeria .....	—	—	—	—	—	—	274	—	—	—	274
Angola .....	—	—	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	20	—	219	239
Nigeria .....	—	—	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	210	210
Venezuela .....	—	—	—	—	—	—	542	—	18	—	560
<b>Non-OPEC</b> .....	—	—	237	147	—	22	37,318	9,666	19,322	1,697	68,003
Argentina .....	—	—	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	683	—	683
Brazil .....	—	—	—	—	—	—	—	—	539	—	539
Brunei .....	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—	—	—
Canada .....	—	—	237	147	—	22	26,883	4,340	7,842	412	39,477
Chad .....	—	—	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	457	—	—	457
Colombia .....	—	—	—	—	—	—	—	—	76	—	76
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	524	—	524
Indonesia .....	—	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	—	—	—	40	455	70	—	565
Latvia .....	—	—	—	—	—	—	—	722	192	—	914
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	—	—	—	—
Netherlands .....	—	—	—	—	—	—	—	—	649	—	649
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	—	3,483	922	910	5,315
Spain .....	—	—	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	249	—	249
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	9,622	—	7,461	233	17,316
Yemen .....	—	—	—	—	—	—	—	—	—	—	—
Other .....	—	—	0	0	—	0	773	209	115	142	1,239
<b>Total</b> .....	—	—	237	147	—	22	38,134	9,686	19,340	2,126	69,286
<b>Persian Gulf</b> <sup>3</sup> .....	—	—	—	—	—	—	—	—	—	210	210

See footnotes at end of table.

**Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>OPEC</b> .....	—	—	—	3,832	999	11,805	1,066	331	13,202
Algeria .....	—	—	—	26	—	10,041	—	—	10,041
Angola .....	—	—	—	—	—	—	876	—	876
Ecuador .....	—	—	—	—	—	—	190	—	190
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	325	—	—	—	—	—
Libya .....	—	—	—	—	23	1,247	—	79	1,326
Nigeria .....	—	—	—	—	—	276	—	82	358
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	897	—	—	170	170
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	3,481	79	241	—	—	241
<b>Non-OPEC</b> .....	<b>607</b>	<b>61</b>	—	<b>23,723</b>	<b>2,569</b>	<b>6,953</b>	<b>15,756</b>	<b>80,029</b>	<b>102,738</b>
Argentina .....	—	—	—	—	—	—	86	206	292
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	503	719	2,515	3,737
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	201	175	376
Brazil .....	—	—	—	48	153	128	1,190	2,278	3,596
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	206	206
Canada .....	206	61	—	2,972	514	1,272	3,629	18,143	23,044
Chad .....	—	—	—	—	—	1,168	2,410	1,369	4,947
China .....	—	—	—	288	42	—	—	—	—
Colombia .....	—	—	—	139	—	—	622	6,408	7,030
Congo (Brazzaville) .....	—	—	—	—	—	—	277	2	279
Denmark .....	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	225	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	160	852	1,012
Finland .....	—	—	—	—	—	—	—	101	101
France .....	—	—	—	—	—	—	—	164	164
Gabon .....	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	144	144
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	183	183
Indonesia .....	—	—	—	323	—	—	62	—	62
Italy .....	—	—	—	281	35	—	—	—	—
Korea, South .....	—	—	—	8,546	1,116	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	242	—	200	129	—	329
Mexico .....	242	—	—	671	—	916	1,670	18,173	20,759
Netherlands .....	—	—	—	—	161	702	146	502	1,350
Netherlands Antilles .....	—	—	—	165	—	—	—	—	—
Norway .....	—	—	—	—	—	—	100	—	100
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	57	38	690	1,487	14,152	16,329
Spain .....	—	—	—	—	—	—	—	167	167
Sweden .....	—	—	—	—	—	—	—	1,325	1,325
Syria .....	—	—	—	—	—	—	—	13	13
Trinidad and Tobago .....	—	—	—	15	—	327	47	4,658	5,032
United Kingdom .....	—	—	—	296	—	397	239	285	921
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	6,503	—	650	—	6,201	6,851
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	159	0	—	2,952	510	0	2,582	1,807	4,389
<b>Total</b> .....	<b>607</b>	<b>61</b>	—	<b>27,555</b>	<b>3,568</b>	<b>18,758</b>	<b>16,822</b>	<b>80,360</b>	<b>115,940</b>
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	325	897	—	—	170	170

See footnotes at end of table.

**Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	<b>2,718</b>	<b>19,376</b>	—	<b>507</b>	<b>61</b>	<b>100</b>	—	<b>105,018</b>	<b>1,504,635</b>	<b>4,604</b>	<b>345</b>	<b>4,949</b>
Algeria .....	931	13,505	—	—	—	25	—	53,757	152,794	326	177	503
Angola .....	—	—	—	—	—	—	—	3,022	124,363	399	10	409
Ecuador .....	—	—	—	—	—	—	—	553	60,250	196	2	198
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	130,500	429	—	429
Kuwait .....	—	—	—	182	—	—	—	507	62,810	205	2	207
Libya .....	368	4,935	—	—	—	—	—	8,874	22,960	46	29	76
Nigeria .....	278	570	—	—	—	—	—	11,419	315,304	1,000	38	1,037
Qatar .....	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	506	356	—	—	—	—	—	3,989	331,322	1,077	13	1,090
United Arab Emirates .....	—	—	—	—	—	—	—	210	819	2	1	3
Venezuela .....	635	10	—	325	61	75	—	22,687	303,513	924	75	998
<b>Non-OPEC</b> .....	<b>12,147</b>	<b>8,641</b>	<b>1,472</b>	<b>4,059</b>	<b>6,293</b>	<b>7,975</b>	<b>77</b>	<b>689,036</b>	<b>2,108,124</b>	<b>4,668</b>	<b>2,267</b>	<b>6,935</b>
Argentina .....	30	120	—	370	—	12	—	1,543	8,494	23	5	28
Aruba .....	—	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	3,706	12	—	12
Bahamas .....	—	—	—	—	—	—	—	5,154	5,154	—	17	17
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	53	—	—	—	—	71	—	22,067	22,067	—	73	73
Brazil .....	48	—	22	—	—	45	—	5,172	83,730	258	17	275
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	1,022	15,918	49	3	52
Canada .....	1,889	823	238	822	6,293	2,849	77	168,423	764,880	1,962	554	2,516
Chad .....	—	—	—	—	—	—	—	4,947	10,192	17	16	34
China .....	—	—	736	—	—	—	—	1,547	2,761	4	5	9
Colombia .....	—	—	—	—	—	49	—	9,224	111,264	336	30	366
Congo (Brazzaville) .....	—	—	—	—	—	—	—	582	23,294	75	2	77
Denmark .....	—	—	—	—	—	—	—	417	417	—	1	1
Egypt .....	—	—	44	—	—	—	—	897	4,017	10	3	13
Equatorial Guinea .....	101	—	—	—	—	—	—	1,827	19,746	59	6	65
Estonia .....	—	—	—	—	—	—	—	2,878	2,878	—	9	9
Finland .....	—	—	—	—	—	46	—	2,362	2,362	—	8	8
France .....	139	168	—	—	—	149	—	9,272	9,272	—	31	31
Gabon .....	22	—	—	—	—	—	—	22	15,598	51	0	51
Germany .....	29	285	8	9	—	64	—	2,281	2,281	—	8	8
Guatemala .....	—	—	—	—	—	—	—	—	3,937	13	—	13
India .....	—	—	—	—	—	—	—	16,938	16,938	—	56	56
Indonesia .....	—	—	2	—	—	539	—	1,176	10,981	32	4	36
Italy .....	64	—	—	—	—	117	—	11,739	11,739	—	39	39
Korea, South .....	1,227	—	—	—	—	2,976	—	18,239	18,239	—	60	60
Latvia .....	—	—	—	—	—	—	—	1,906	1,906	—	6	6
Lithuania .....	—	—	—	—	—	—	—	2,785	2,785	—	9	9
Malaysia .....	—	—	97	—	—	—	—	1,480	2,439	3	5	8
Mexico .....	5,172	—	—	—	—	67	—	42,563	383,875	1,123	140	1,263
Netherlands .....	77	—	1	—	—	709	—	35,442	35,442	—	117	117
Netherlands Antilles .....	—	—	—	—	—	—	—	907	907	—	3	3
Norway .....	601	508	—	—	—	—	—	20,262	29,463	30	67	97
Oman .....	—	—	—	—	—	—	—	—	3,331	11	—	11
Portugal .....	132	—	—	—	—	—	—	5,336	5,336	—	18	18
Russia .....	267	6,737	—	—	—	17	—	105,827	190,397	278	348	626
Spain .....	96	—	—	223	—	21	—	12,786	12,786	—	42	42
Sweden .....	47	—	—	1	—	—	—	5,705	5,705	—	19	19
Syria .....	—	—	—	—	—	—	—	2,534	2,534	—	8	8
Trinidad and Tobago .....	—	—	—	—	—	—	—	9,322	24,146	49	31	79
United Kingdom .....	169	—	—	16	—	96	—	42,817	80,459	124	141	265
Vietnam .....	—	—	—	—	—	—	—	—	4,223	14	—	14
Virgin Islands, U.S. ....	—	—	—	2,502	—	—	—	79,989	79,989	—	263	263
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	1,984	0	324	116	0	148	0	31,646	72,536	135	103	238
<b>Total</b> .....	<b>14,865</b>	<b>28,017</b>	<b>1,472</b>	<b>4,566</b>	<b>6,354</b>	<b>8,075</b>	<b>77</b>	<b>794,054</b>	<b>3,612,759</b>	<b>9,272</b>	<b>2,612</b>	<b>11,884</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>506</b>	<b>356</b>	—	<b>182</b>	—	—	—	<b>4,706</b>	<b>525,451</b>	<b>1,713</b>	<b>15</b>	<b>1,728</b>

— = No Data Reported.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>18,663</b>	—	<b>416</b>	<b>1,117</b>	—	—	—	—	<b>1,710</b>	<b>1,710</b>
Algeria .....	701	—	416	419	—	—	—	—	—	—
Angola .....	3,173	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—
Iraq .....	931	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—	—
Libya .....	520	—	—	—	—	—	—	—	—	—
Nigeria .....	9,594	—	—	698	—	—	—	—	837	837
Qatar .....	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	2,765	—	—	—	—	—	—	—	100	100
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—
Venezuela .....	979	—	—	—	—	—	—	—	773	773
<b>Non-OPEC</b> .....	<b>8,994</b>	—	<b>1,615</b>	<b>3,440</b>	—	<b>1,782</b>	<b>1,782</b>	<b>6,161</b>	<b>13,986</b>	<b>20,147</b>
Argentina .....	—	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	328	328	—	260	260
Brazil .....	—	—	—	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—	—
Cameroon .....	988	—	—	—	—	—	—	—	55	55
Canada .....	2,669	—	1,116	2	—	726	726	3,469	486	3,955
Chad .....	565	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	882	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	35	35
Egypt .....	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	353	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	21	473	494
France .....	—	—	—	—	—	—	—	—	905	905
Gabon .....	2,339	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	67	67
Guatemala .....	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	1,023	1,023
Indonesia .....	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	150	—	—	—	—	278	278
Korea, South .....	—	—	—	—	—	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—	—
Mexico .....	500	—	—	—	—	—	—	—	—	—
Netherlands .....	—	—	—	286	—	—	—	—	1,843	1,843
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	146	—	—	—	—	—	1,743	1,743
Oman .....	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	271	271	—	138	138
Russia .....	—	—	—	1,555	—	—	—	—	1,143	1,143
Spain .....	—	—	—	—	—	—	—	—	870	870
Sweden .....	—	—	—	—	—	255	255	—	—	—
Syria .....	—	—	—	375	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	1,009	—	—	—	645	2,671	3,316
Vietnam .....	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	—	2,026	1,635	3,661
Yemen .....	—	—	—	—	—	—	—	—	—	—
Other .....	1,051	—	0	63	—	202	202	0	361	361
<b>Total</b> .....	<b>27,657</b>	—	<b>2,031</b>	<b>4,557</b>	—	<b>1,782</b>	<b>1,782</b>	<b>6,161</b>	<b>15,696</b>	<b>21,857</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>3,696</b>	—	—	—	—	—	—	—	<b>100</b>	<b>100</b>

See footnotes at end of table.



**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	1	-	-	2	3,161	200	1,060	-	4,421
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	1	-	-	2	1,620	200	546	-	2,366
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	1,541	-	514	-	2,055
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	0	-	-	0	0	0	0	-	0
<b>Total</b> .....	-	-	1	-	-	2	3,161	200	1,060	-	4,421
<b>Persian Gulf</b> <sup>3</sup> .....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
<b>OPEC</b> .....	—	—	—	228	—	704	—	24	728
Algeria .....	—	—	—	—	—	704	—	—	704
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	24	24
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	228	—	—	—	—	—
<b>Non-OPEC</b> .....	27	4	—	843	39	1,068	414	5,706	7,188
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	28	28
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	38	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	27	4	—	66	1	437	331	1,096	1,864
Chad .....	—	—	—	—	—	—	39	607	646
China .....	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	44	633	677
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	267	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	612	612
Netherlands .....	—	—	—	—	—	318	—	223	541
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	—	942	942
Spain .....	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	545	545
United Kingdom .....	—	—	—	—	—	313	—	—	313
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	510	—	—	—	816	816
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	0	0	0	0	204	204
<b>Total</b> .....	27	4	—	1,071	39	1,772	414	5,730	7,916
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	—	—	—	29	6	—	—	4,234	22,897	602	137	739
Algeria .....	—	—	—	—	—	—	—	1,539	2,240	23	50	72
Angola .....	—	—	—	—	—	—	—	—	3,173	102	—	102
Ecuador .....	—	—	—	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	931	30	—	30
Kuwait .....	—	—	—	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	520	17	—	17
Nigeria .....	—	—	—	—	—	—	—	1,559	11,153	309	50	360
Qatar .....	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	100	2,865	89	3	92
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	29	6	—	—	1,036	2,015	32	33	65
<b>Non-OPEC</b> .....	97	5	63	199	407	79	1	40,360	49,354	290	1,302	1,592
Argentina .....	—	—	—	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	28	28	—	1	1
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	1	—	589	589	—	19	19
Brazil .....	—	—	—	—	—	—	—	38	38	—	1	1
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	55	1,043	32	2	34
Canada .....	15	5	31	1	407	71	1	10,661	13,330	86	344	430
Chad .....	—	—	—	—	—	—	—	646	1,211	18	21	39
China .....	—	—	2	—	—	—	—	2	2	—	0	0
Colombia .....	—	—	—	—	—	—	—	677	677	—	22	22
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	882	28	—	28
Denmark .....	—	—	—	—	—	—	—	35	35	—	1	1
Egypt .....	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	353	353	—	11	11
Estonia .....	—	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	494	494	—	16	16
France .....	—	—	—	—	—	3	—	908	908	—	29	29
Gabon .....	—	—	—	—	—	—	—	—	2,339	75	—	75
Germany .....	—	—	2	—	—	4	—	73	73	—	2	2
Guatemala .....	—	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	1,023	1,023	—	33	33
Indonesia .....	—	—	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	428	428	—	14	14
Korea, South .....	—	—	—	—	—	—	—	267	267	—	9	9
Latvia .....	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	612	1,112	16	20	36
Netherlands .....	—	—	—	—	—	—	—	2,670	2,670	—	86	86
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—	—
Norway .....	82	—	—	—	—	—	—	1,971	1,971	—	64	64
Oman .....	—	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	409	409	—	13	13
Russia .....	—	—	—	—	—	—	—	3,640	3,640	—	117	117
Spain .....	—	—	—	—	—	—	—	870	870	—	28	28
Sweden .....	—	—	—	—	—	—	—	255	255	—	8	8
Syria .....	—	—	—	—	—	—	—	375	375	—	12	12
Trinidad and Tobago .....	—	—	—	—	—	—	—	545	545	—	18	18
United Kingdom .....	—	—	—	—	—	—	—	4,638	4,638	—	150	150
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	198	—	—	—	7,240	7,240	—	234	234
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	0	0	28	0	0	0	0	858	1,909	35	27	62
<b>Total</b> .....	97	5	63	228	413	79	1	44,594	72,251	892	1,439	2,331
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	—	—	—	100	3,796	119	3	122

— = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>5,104</b>	—	—	—	—	<b>15</b>	<b>15</b>	—	—	—
Algeria .....	2,608	—	—	—	—	15	15	—	—	—
Angola .....	—	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—
Iraq .....	101	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—	—
Nigeria .....	498	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	1,897	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	<b>33,290</b>	<b>7</b>	<b>2,415</b>	<b>6</b>	—	<b>41</b>	<b>41</b>	<b>2</b>	<b>84</b>	<b>86</b>
Argentina .....	—	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—	—
Canada .....	33,290	7	2,415	6	—	41	41	2	84	86
Chad .....	—	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	—	—	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	—	—	—
Netherlands .....	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	—	—	—	—
Spain .....	—	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—	—
Other .....	0	0	0	0	—	0	0	0	0	0
<b>Total</b> .....	<b>38,394</b>	<b>7</b>	<b>2,415</b>	<b>6</b>	—	<b>56</b>	<b>56</b>	<b>2</b>	<b>84</b>	<b>86</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>1,998</b>	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	—	—	—	—	—	—	7	—	—	—	7
Algeria .....	—	—	—	—	—	—	7	—	—	—	7
Angola .....	—	—	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	—	—	—	18	—	—	184	31	—	—	215
Argentina .....	—	—	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—	—	—
Canada .....	—	—	—	18	—	—	184	31	—	—	215
Chad .....	—	—	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	—	—	—	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	—	—	—	—
Netherlands .....	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	—	—	—	—	—
Spain .....	—	—	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	0	—	—	0	0	—	—	0
<b>Total</b> .....	—	—	—	18	—	—	191	31	—	—	222
<b>Persian Gulf</b> <sup>3</sup> .....	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
<b>OPEC</b> .....	—	—	—	—	—	—	—	—	—
Algeria .....	—	—	—	—	—	—	—	—	—
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	<b>1</b>	<b>3</b>	—	—	<b>26</b>	<b>2</b>	<b>71</b>	<b>3</b>	<b>76</b>
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	1	3	—	—	26	2	71	3	76
Chad .....	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	—	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	—	—
Netherlands .....	—	—	—	—	—	—	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	—	—	—
Spain .....	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	—	0	0	0	0	0
<b>Total</b> .....	<b>1</b>	<b>3</b>	—	—	<b>26</b>	<b>2</b>	<b>71</b>	<b>3</b>	<b>76</b>
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	—	—	—	—	—

See footnotes at end of table.



**Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	—	—	—	—	—	—	—	22	5,126	165	1	165
Algeria .....	—	—	—	—	—	—	—	22	2,630	84	1	85
Angola .....	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	101	3	—	3
Kuwait .....	—	—	—	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	498	16	—	16
Qatar .....	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	1,897	61	—	61
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	64	31	2	76	179	236	4	3,542	36,832	1,074	114	1,188
Argentina .....	—	—	—	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—	—	—	—
Canada .....	64	31	2	72	179	236	4	3,538	36,828	1,074	114	1,188
Chad .....	—	—	—	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	3	—	—	—	3	3	—	0	0
Guatemala .....	—	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	—	—	—	—	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands .....	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	—	—	—	—	—	—
Spain .....	—	—	—	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	1	—	—	—	1	1	—	0	0
Syria .....	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b> .....	64	31	2	76	179	236	4	3,564	41,958	1,239	115	1,353
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	—	—	—	—	1,998	64	—	64

— = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>82,246</b>	—	<b>54</b>	<b>2,896</b>	—	—	—	—	—	—
Algeria .....	4,720	—	—	2,238	—	—	—	—	—	—
Angola .....	5,436	—	—	377	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—
Iraq .....	1,594	—	—	—	—	—	—	—	—	—
Kuwait .....	6,669	—	—	—	—	—	—	—	—	—
Libya .....	423	—	54	—	—	—	—	—	—	—
Nigeria .....	15,090	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	22,161	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—
Venezuela .....	26,153	—	—	281	—	—	—	—	—	—
<b>Non-OPEC</b> .....	<b>69,057</b>	<b>107</b>	<b>178</b>	<b>14,455</b>	—	<b>727</b>	<b>727</b>	—	<b>2,188</b>	<b>2,188</b>
Argentina .....	945	107	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	115	115	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	1,673	—	—	—	—	—	—
Brazil .....	4,219	—	1	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—	—
Canada .....	5,539	—	—	—	—	—	—	—	—	—
Chad .....	957	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—	—
Colombia .....	10,188	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	920	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—	—
Egypt .....	572	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	1,333	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—	—
Gabon .....	795	—	—	—	—	—	—	—	—	—
Germany .....	—	—	35	—	—	—	—	—	—	—
Guatemala .....	277	—	—	—	—	—	—	—	—	—
India .....	—	—	—	480	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	34	587	—	405	405	—	—	—
Korea, South .....	—	—	—	—	—	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—	—
Mexico .....	36,015	—	35	763	—	—	—	—	1,492	1,492
Netherlands .....	—	—	72	264	—	33	33	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—
Norway .....	1,088	—	—	390	—	—	—	—	—	—
Oman .....	349	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	114	114	—	—	—
Russia .....	2,379	—	—	9,111	—	—	—	—	372	372
Spain .....	—	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	20	—	—	—	—	—	—
Trinidad and Tobago .....	1,657	—	—	350	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	60	60	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	335	—	—	—	—	105	105
Yemen .....	—	—	—	—	—	—	—	—	—	—
Other .....	1,824	0	1	482	—	0	0	—	219	219
<b>Total</b> .....	<b>151,303</b>	<b>107</b>	<b>232</b>	<b>17,351</b>	—	<b>727</b>	<b>727</b>	—	<b>2,188</b>	<b>2,188</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>30,424</b>	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	-	-	-	-	-	164	-	164
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	-	-	-	-	-	-	-
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	164	-	164
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	-	-	-	-	0	-	0
<b>Total</b> .....	-	-	-	-	-	-	-	-	164	-	164
<b>Persian Gulf</b> <sup>3</sup> .....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
<b>OPEC</b> .....	—	—	—	—	88	—	—	—	—
Algeria .....	—	—	—	—	—	—	—	—	—
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	88	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	—	—	—	726	211	—	—	1,562	1,562
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	—	—	—	—	79	—	—	—	—
Chad .....	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	—	132	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	690	690
Netherlands .....	—	—	—	—	—	—	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	—	872	872
Spain .....	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	726	0	—	—	0	0
<b>Total</b> .....	—	—	—	726	299	—	—	1,562	1,562
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	88	—	—	—	—

See footnotes at end of table.

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b>	<b>398</b>	<b>1,764</b>	—	—	—	<b>23</b>	—	<b>5,223</b>	<b>87,469</b>	<b>2,653</b>	<b>168</b>	<b>2,822</b>
Algeria	294	1,482	—	—	—	—	—	4,014	8,734	152	129	282
Angola	—	—	—	—	—	—	—	377	5,813	175	12	188
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	1,594	51	—	51
Kuwait	—	—	—	—	—	—	—	—	6,669	215	—	215
Libya	104	—	—	—	—	—	—	158	581	14	5	19
Nigeria	—	282	—	—	—	—	—	282	15,372	487	9	496
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	88	22,249	715	3	718
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	23	—	304	26,457	844	10	853
<b>Non-OPEC</b>	<b>736</b>	<b>1,020</b>	<b>36</b>	—	—	<b>765</b>	—	<b>22,967</b>	<b>92,024</b>	<b>2,228</b>	<b>741</b>	<b>2,969</b>
Argentina	—	14	—	—	—	1	—	122	1,067	30	4	34
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	115	115	—	4	4
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	9	—	1,682	1,682	—	54	54
Brazil	—	—	—	—	—	—	—	1	4,220	136	0	136
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	36	213	—	—	—	—	—	328	5,867	179	11	189
Chad	—	—	—	—	—	—	—	—	957	31	—	31
China	—	—	—	—	—	—	—	1	1	—	0	0
Colombia	—	—	—	—	—	—	—	—	10,188	329	—	329
Congo (Brazzaville)	—	—	—	—	—	—	—	—	920	30	—	30
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	572	18	—	18
Equatorial Guinea	—	—	—	—	—	—	—	—	1,333	43	—	43
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	9	—	9	9	—	0	0
France	—	—	—	—	—	2	—	2	2	—	0	0
Gabon	13	—	—	—	—	—	—	13	808	26	0	26
Germany	—	285	—	—	—	—	—	320	320	—	10	10
Guatemala	—	—	—	—	—	—	—	—	277	9	—	9
India	—	—	—	—	—	—	—	480	480	—	15	15
Indonesia	—	—	—	—	—	129	—	129	129	—	4	4
Italy	—	—	—	—	—	23	—	1,049	1,049	—	34	34
Korea, South	—	—	—	—	—	493	—	625	625	—	20	20
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	22	—	—	—	—	22	22	—	1	1
Mexico	264	—	—	—	—	7	—	3,251	39,266	1,162	105	1,267
Netherlands	36	—	—	—	—	79	—	572	572	—	18	18
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	390	1,478	35	13	48
Oman	—	—	—	—	—	—	—	—	349	11	—	11
Portugal	—	—	—	—	—	—	—	114	114	—	4	4
Russia	—	508	—	—	—	—	—	11,027	13,406	77	356	432
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	20	20	—	1	1
Trinidad and Tobago	—	—	—	—	—	—	—	350	2,007	53	11	65
United Kingdom	—	—	—	—	—	13	—	73	73	—	2	2
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	440	440	—	14	14
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	387	0	14	—	—	0	—	1,832	3,656	59	60	120
<b>Total</b>	<b>1,134</b>	<b>2,784</b>	<b>36</b>	—	—	<b>788</b>	—	<b>28,190</b>	<b>179,493</b>	<b>4,881</b>	<b>909</b>	<b>5,790</b>
<b>Persian Gulf<sup>3</sup></b>	—	—	—	—	—	—	—	<b>88</b>	<b>30,512</b>	<b>981</b>	<b>3</b>	<b>984</b>

— = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
	PAD District 4									
OPEC .....	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
Non-OPEC .....	7,874	-	247	-	-	-	-	-	-	-
Canada .....	7,874	-	247	-	-	-	-	-	-	-
Other .....	0	-	0	-	-	-	-	-	-	-
Total .....	7,874	-	247	-	-	-	-	-	-	-
	PAD District 5									
OPEC .....	17,247	-	-	378	-	-	-	-	-	-
Algeria .....	-	-	-	378	-	-	-	-	-	-
Angola .....	1,045	-	-	-	-	-	-	-	-	-
Ecuador .....	6,302	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	1,818	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	7,726	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	356	-	-	-	-	-	-	-	-	-
Non-OPEC .....	20,698	-	129	917	-	86	86	-	400	400
Argentina .....	1,012	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	991	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Canada .....	7,680	-	129	85	-	86	86	-	150	150
China .....	241	-	-	-	-	-	-	-	-	-
Colombia .....	2,207	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	1,526	-	-	-	-	-	-	-	250	250
Japan .....	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	66	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Oman .....	2,982	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	77	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-
Vietnam .....	549	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	689	-	-	-	-	-	-
Other .....	3,510	-	0	0	-	0	0	-	0	0
Total .....	37,945	-	129	1,295	-	86	86	-	400	400
Persian Gulf <sup>3</sup> .....	9,544	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen-ates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
	PAD District 4										
OPEC .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC .....	-	-	-	-	-	-	175	-	-	-	175
Canada .....	-	-	-	-	-	-	175	-	-	-	175
Other .....	-	-	-	-	-	-	0	-	-	-	0
Total .....	-	-	-	-	-	-	175	-	-	-	175
	PAD District 5										
OPEC .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC .....	-	-	-	-	-	-	86	-	-	-	86
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	-	-	86	-	-	-	86
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	-	-	0	-	-	-	0
Total .....	-	-	-	-	-	-	86	-	-	-	86
Persian Gulf <sup>3</sup> .....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.



**Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
	PAD District 4								
OPEC .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
Non-OPEC .....	-	1	-	-	-	-	-	-	-
Canada .....	-	1	-	-	-	-	-	-	-
Other .....	-	0	-	-	-	-	-	-	-
Total .....	-	1	-	-	-	-	-	-	-
	PAD District 5								
OPEC .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
Non-OPEC .....	-	-	-	1,106	-	622	103	977	1,702
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	48	-	-	-	36	36
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	182	-	-	-	-	-
Korea, South .....	-	-	-	876	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	622	103	599	1,324
Netherlands .....	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	0	-	0	0	342	342
Total .....	-	-	-	1,106	-	622	103	977	1,702
Persian Gulf <sup>3</sup> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks								Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Waxes	Petroleum Coke	Asphalt and Road Oil
	PAD District 4											
OPEC .....	-	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC .....	-	-	-	-	33	-	1	457	8,331	254	15	269
Canada .....	-	-	-	-	33	-	1	457	8,331	254	15	269
Other .....	-	-	-	-	0	-	0	0	0	0	0	0
Total .....	-	-	-	-	33	-	1	457	8,331	254	15	269
	PAD District 5											
OPEC .....	-	-	-	-	-	-	-	378	17,625	556	12	569
Algeria .....	-	-	-	-	-	-	-	378	378	-	12	12
Angola .....	-	-	-	-	-	-	-	-	1,045	34	-	34
Ecuador .....	-	-	-	-	-	-	-	-	6,302	203	-	203
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	1,818	59	-	59
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	7,726	249	-	249
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	356	11	-	11
Non-OPEC .....	72	-	-	21	21	2	-	4,542	25,240	668	147	814
Argentina .....	-	-	-	-	-	-	-	-	1,012	33	-	33
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	991	32	-	32
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	21	21	-	-	662	8,342	248	21	269
China .....	-	-	-	-	-	-	-	-	241	8	-	8
Colombia .....	-	-	-	-	-	-	-	-	2,207	71	-	71
Finland .....	-	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	250	1,776	49	8	57
Japan .....	-	-	-	-	-	-	-	182	182	-	6	6
Korea, South .....	72	-	-	-	-	2	-	950	950	-	31	31
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	1,324	1,324	-	43	43
Netherlands .....	-	-	-	-	-	-	-	66	66	-	2	2
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	2,982	96	-	96
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	77	77	-	2	2
Singapore .....	-	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	549	18	-	18
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	689	689	-	22	22
Other .....	0	-	-	0	0	0	-	342	3,852	113	12	124
Total .....	72	-	-	21	21	2	-	4,920	42,865	1,224	159	1,383
Persian Gulf <sup>3</sup> .....	-	-	-	-	-	-	-	-	9,544	308	-	308

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reform-ulated	Conven-tional	Total	Reform-ulated	Conven-tional	Total
<b>OPEC</b> .....	<b>205,516</b>	—	<b>5,424</b>	<b>3,749</b>	—	<b>15</b>	<b>15</b>	<b>239</b>	<b>17,986</b>	<b>18,225</b>
Algeria .....	2,253	—	5,282	1,372	—	—	—	—	1,357	1,357
Angola .....	37,848	—	—	381	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	363	363
Iran .....	—	—	—	—	—	—	—	—	—	—
Iraq .....	7,071	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—	—
Libya .....	8,420	—	—	—	—	—	—	—	—	—
Nigeria .....	116,714	—	—	1,131	—	—	—	—	6,879	6,879
Qatar .....	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	20,004	—	—	—	—	—	—	—	610	610
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—
Venezuela .....	13,206	—	142	865	—	15	15	239	8,777	9,016
<b>Non-OPEC</b> .....	<b>139,525</b>	—	<b>11,757</b>	<b>22,539</b>	—	<b>26,469</b>	<b>26,469</b>	<b>57,550</b>	<b>137,826</b>	<b>195,376</b>
Argentina .....	—	—	—	—	—	—	—	—	294	294
Aruba .....	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	281	281
Bahrain .....	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	720	—	651	651	80	4,358	4,438
Brazil .....	10,610	—	—	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—	—
Cameroon .....	14,297	—	—	—	—	—	—	—	55	55
Canada .....	64,011	—	9,186	1,316	—	11,353	11,353	31,967	4,442	36,409
Chad .....	565	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—	—
Colombia .....	2,629	—	—	—	—	—	—	285	100	385
Congo (Brazzaville) .....	13,512	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	109	109
Egypt .....	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	399	—	1,501	—	—	—	—	—	—	—
Estonia .....	—	—	—	221	—	—	—	—	35	35
Finland .....	—	—	—	14	—	—	—	94	1,949	2,043
France .....	—	—	—	5	—	—	—	126	8,331	8,457
Gabon .....	11,813	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	164	—	2	2	188	740	928
Guatemala .....	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	2,047	2,047	126	10,890	11,016
Indonesia .....	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	837	—	1,229	1,229	113	4,386	4,499
Korea, South .....	—	—	—	—	—	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	992	992
Lithuania .....	—	—	—	—	—	846	846	55	1,707	1,762
Malaysia .....	—	—	—	—	—	—	—	—	—	—
Mexico .....	1,371	—	—	—	—	—	—	—	—	—
Netherlands .....	—	—	—	1,113	—	3,168	3,168	2,054	16,695	18,749
Netherlands Antilles .....	—	—	—	—	—	—	—	—	742	742
Norway .....	2,956	—	1,070	124	—	960	960	—	11,036	11,036
Oman .....	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	109	—	271	271	437	2,676	3,113
Russia .....	2,346	—	—	7,386	—	40	40	212	7,291	7,503
Spain .....	—	—	—	—	—	1,357	1,357	60	8,017	8,077
Sweden .....	—	—	—	116	—	1,164	1,164	60	1,613	1,673
Syria .....	—	—	—	1,138	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	2,118	—	—	—	—	480	480
United Kingdom .....	245	—	—	2,711	—	3,029	3,029	6,272	26,428	32,700
Vietnam .....	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	3,263	—	—	—	15,367	19,462	34,829
Yemen .....	—	—	—	—	—	—	—	—	—	—
Other .....	14,771	—	0	1,184	—	352	352	54	4,717	4,771
<b>Total</b> .....	<b>345,041</b>	—	<b>17,181</b>	<b>26,288</b>	—	<b>26,484</b>	<b>26,484</b>	<b>57,789</b>	<b>155,812</b>	<b>213,601</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>27,075</b>	—	—	—	—	—	—	—	<b>610</b>	<b>610</b>

See footnotes at end of table.

**Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	—	—	—	—	—	—	752	—	18	—	770
Algeria .....	—	—	—	—	—	—	210	—	—	—	210
Angola .....	—	—	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	542	—	18	—	560
<b>Non-OPEC</b> .....	—	—	160	11	—	20	30,915	8,814	17,822	868	58,419
Argentina .....	—	—	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	507	—	507
Brazil .....	—	—	—	—	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—	—	—
Canada .....	—	—	160	11	—	20	21,293	3,851	7,664	350	33,158
Chad .....	—	—	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	457	—	—	457
Colombia .....	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	524	—	524
Indonesia .....	—	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	—	—	—	—	301	—	—	301
Latvia .....	—	—	—	—	—	—	—	722	192	—	914
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	—	—	—	—
Netherlands .....	—	—	—	—	—	—	—	—	649	—	649
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	—	3,483	576	285	4,344
Spain .....	—	—	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	249	—	249
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	9,622	—	7,461	233	17,316
Yemen .....	—	—	—	—	—	—	—	—	—	—	—
Other .....	—	—	0	0	—	0	0	0	0	0	0
<b>Total</b> .....	—	—	160	11	—	20	31,667	8,814	17,840	868	59,189
<b>Persian Gulf</b> <sup>3</sup> .....	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
<b>OPEC</b> .....	—	—	—	3,516	79	10,473	751	82	11,306
Algeria .....	—	—	—	20	—	9,956	—	—	9,956
Angola .....	—	—	—	—	—	—	751	—	751
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	325	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	276	—	82	358
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	3,171	79	241	—	—	241
<b>Non-OPEC</b> .....	604	38	—	11,093	240	4,859	10,039	49,333	64,231
Argentina .....	—	—	—	—	—	—	86	206	292
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	503	719	1,961	3,183
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	40	74	128	1,190	1,806	3,124
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	203	38	—	2,695	18	1,251	2,882	17,177	21,310
Chad .....	—	—	—	—	—	1,144	2,386	1,369	4,899
China .....	—	—	—	10	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	594	5,911	6,505
Congo (Brazzaville) .....	—	—	—	—	—	—	277	2	279
Denmark .....	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	852	852
Finland .....	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	144	144
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	281	—	—	—	—	—
Korea, South .....	—	—	—	513	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	200	—	—	200
Mexico .....	242	—	—	450	—	294	—	3,549	3,843
Netherlands .....	—	—	—	—	110	673	—	408	1,081
Netherlands Antilles .....	—	—	—	165	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	50	38	54	1,005	3,601	4,660
Spain .....	—	—	—	—	—	—	—	167	167
Sweden .....	—	—	—	—	—	—	—	1,272	1,272
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	15	—	—	47	4,358	4,405
United Kingdom .....	—	—	—	296	—	313	—	269	582
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	6,503	—	299	—	5,712	6,011
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	159	0	—	75	0	0	853	569	1,422
<b>Total</b> .....	604	38	—	14,609	319	15,332	10,790	49,415	75,537
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	325	—	—	—	—	—

See footnotes at end of table.

**Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	—	—	—	321	61	—	—	43,466	248,982	676	143	819
Algeria .....	—	—	—	—	—	—	—	18,197	20,450	7	60	67
Angola .....	—	—	—	—	—	—	—	1,132	38,980	125	4	128
Ecuador .....	—	—	—	—	—	—	—	363	363	—	1	1
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	7,071	23	—	23
Kuwait .....	—	—	—	—	—	—	—	325	325	—	1	1
Libya .....	—	—	—	—	—	—	—	—	8,420	28	—	28
Nigeria .....	—	—	—	—	—	—	—	8,368	125,082	384	28	411
Qatar .....	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	610	20,614	66	2	68
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	321	61	—	—	14,471	27,677	43	48	91
<b>Non-OPEC</b> .....	859	74	655	2,510	3,122	1,046	7	399,848	539,373	459	1,315	1,774
Argentina .....	—	—	—	—	—	—	—	586	586	—	2	2
Aruba .....	—	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	3,464	3,464	—	11	11
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	4	—	6,320	6,320	—	21	21
Brazil .....	—	—	22	—	—	45	—	3,305	13,915	35	11	46
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	55	14,352	47	0	47
Canada .....	676	74	185	6	3,122	761	7	120,708	184,719	211	397	608
Chad .....	—	—	—	—	—	—	—	4,899	5,464	2	16	18
China .....	—	—	208	—	—	—	—	675	675	—	2	2
Colombia .....	—	—	—	—	—	49	—	6,939	9,568	9	23	31
Congo (Brazzaville) .....	—	—	—	—	—	—	—	279	13,791	44	1	45
Denmark .....	—	—	—	—	—	—	—	109	109	—	0	0
Egypt .....	—	—	44	—	—	—	—	44	44	—	0	0
Equatorial Guinea .....	101	—	—	—	—	—	—	1,602	2,001	1	5	7
Estonia .....	—	—	—	—	—	—	—	1,108	1,108	—	4	4
Finland .....	—	—	—	—	—	—	—	2,057	2,057	—	7	7
France .....	—	—	—	—	—	38	—	8,500	8,500	—	28	28
Gabon .....	—	—	—	—	—	—	—	—	11,813	39	—	39
Germany .....	—	—	5	—	—	52	—	1,295	1,295	—	4	4
Guatemala .....	—	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	13,587	13,587	—	45	45
Indonesia .....	—	—	2	—	—	—	—	2	2	—	0	0
Italy .....	—	—	—	—	—	30	—	7,315	7,315	—	24	24
Korea, South .....	—	—	—	—	—	—	—	814	814	—	3	3
Latvia .....	—	—	—	—	—	—	—	1,906	1,906	—	6	6
Lithuania .....	—	—	—	—	—	—	—	2,608	2,608	—	9	9
Malaysia .....	—	—	1	—	—	—	—	201	201	—	1	1
Mexico .....	—	—	—	—	—	4	—	4,539	5,910	5	15	19
Netherlands .....	—	—	1	—	—	62	—	25,112	25,112	—	83	83
Netherlands Antilles .....	—	—	—	—	—	—	—	907	907	—	3	3
Norway .....	82	—	—	—	—	—	—	13,272	16,228	10	44	53
Oman .....	—	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	3,493	3,493	—	11	11
Russia .....	—	—	—	—	—	—	—	24,021	26,367	8	79	87
Spain .....	—	—	—	—	—	—	—	9,601	9,601	—	32	32
Sweden .....	—	—	—	—	—	—	—	4,225	4,225	—	14	14
Syria .....	—	—	—	—	—	—	—	1,138	1,138	—	4	4
Trinidad and Tobago .....	—	—	—	—	—	—	—	7,018	7,018	—	23	23
United Kingdom .....	—	—	—	—	—	—	—	39,567	39,812	1	130	131
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	2,502	—	—	—	70,424	70,424	—	232	232
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	0	0	187	2	0	1	0	8,153	22,924	47	25	74
<b>Total</b> .....	859	74	655	2,831	3,183	1,046	7	443,314	788,355	1,135	1,458	2,593
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	—	—	—	935	28,010	89	3	92

— = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>47,794</b>	-	-	-	-	<b>76</b>	<b>76</b>	-	-	-
Algeria .....	25,671	-	-	-	-	76	76	-	-	-
Angola .....	3,052	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	101	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	3,056	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	15,676	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	238	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>368,353</b>	<b>74</b>	<b>18,971</b>	<b>111</b>	-	<b>400</b>	<b>400</b>	<b>9</b>	<b>235</b>	<b>244</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	3,986	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	362,630	74	18,971	90	-	400	400	9	235	244
Chad .....	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	1,696	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	41	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	0	21	-	0	0	0	0	0
<b>Total</b> .....	<b>416,147</b>	<b>74</b>	<b>18,971</b>	<b>111</b>	-	<b>476</b>	<b>476</b>	<b>9</b>	<b>235</b>	<b>244</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>15,777</b>	-	-	-	-	-	-	-	-	-

See footnotes at end of table.



**Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-	-	-	-	-	-	64	-	-	-	64
Algeria .....	-	-	-	-	-	-	64	-	-	-	64
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	136	-	2	1,672	306	-	62	2,040
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	136	-	2	1,672	306	-	62	2,040
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	0	-	0	0	0	-	0	0
<b>Total</b> .....	-	-	-	136	-	2	1,736	306	-	62	2,104
<b>Persian Gulf</b> <sup>3</sup> .....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
<b>OPEC</b> .....	—	—	—	—	—	—	—	—	—
Algeria .....	—	—	—	—	—	—	—	—	—
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	<b>3</b>	<b>21</b>	—	—	<b>343</b>	<b>21</b>	<b>670</b>	<b>78</b>	<b>769</b>
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	3	21	—	—	343	21	670	78	769
Chad .....	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	—	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	—	—
Netherlands .....	—	—	—	—	—	—	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	—	—	—
Spain .....	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	—	0	0	0	0	0
<b>Total</b> .....	<b>3</b>	<b>21</b>	—	—	<b>343</b>	<b>21</b>	<b>670</b>	<b>78</b>	<b>769</b>
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	—	—	—	—	—	—	—	140	47,934	157	0	158
Algeria .....	—	—	—	—	—	—	—	140	25,811	84	0	85
Angola .....	—	—	—	—	—	—	—	—	3,052	10	—	10
Ecuador .....	—	—	—	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	101	0	—	0
Kuwait .....	—	—	—	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	3,056	10	—	10
Qatar .....	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	15,676	52	—	52
United Arab Emirates .....	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	238	1	—	1
<b>Non-OPEC</b> .....	841	469	53	567	1,449	2,073	55	29,231	397,584	1,212	96	1,308
Argentina .....	—	—	—	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	—	—	3,986	13	—	13
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—	—	—	—
Canada .....	841	469	53	557	1,449	2,070	55	29,197	391,827	1,193	96	1,289
Chad .....	—	—	—	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	1,696	6	—	6
Estonia .....	—	—	—	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	9	—	—	—	9	9	—	0	0
Guatemala .....	—	—	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South .....	—	—	—	—	—	—	—	—	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	—	41	0	—	0
Netherlands .....	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	—	—	—	—	—	—
Spain .....	—	—	—	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	1	—	—	—	1	1	—	0	0
Syria .....	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	0	0	0	0	0	3	0	24	24	0	0	0
<b>Total</b> .....	841	469	53	567	1,449	2,073	55	29,371	445,518	1,369	97	1,466
<b>Persian Gulf</b> <sup>3</sup> .....	—	—	—	—	—	—	—	—	15,777	52	—	52

— = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>952,127</b>	<b>2,325</b>	<b>337</b>	<b>23,653</b>	—	<b>375</b>	<b>375</b>	—	<b>2,050</b>	<b>2,050</b>
Algeria .....	70,413	649	—	14,688	—	—	—	—	227	227
Angola .....	60,537	—	—	1,765	—	—	—	—	—	—
Ecuador .....	9,345	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—
Iraq .....	70,455	—	—	—	—	—	—	—	—	—
Kuwait .....	61,504	—	—	—	—	—	—	—	—	—
Libya .....	5,666	—	337	1,368	—	—	—	—	—	—
Nigeria .....	182,870	267	—	1,936	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	226,353	—	—	586	—	—	—	—	153	153
United Arab Emirates .....	314	—	—	—	—	—	—	—	—	—
Venezuela .....	264,670	1,409	—	3,310	—	375	375	—	1,670	1,670
<b>Non-OPEC</b> .....	<b>688,231</b>	<b>848</b>	<b>2,381</b>	<b>118,080</b>	—	<b>10,567</b>	<b>10,567</b>	—	<b>13,780</b>	<b>13,780</b>
Argentina .....	1,493	192	—	—	—	—	—	—	233	233
Aruba .....	—	—	—	—	—	—	—	—	—	—
Australia .....	1,298	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	1,136	1,136	—	—	—
Bahrain .....	—	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	98	13,756	—	158	158	—	9	9
Brazil .....	45,265	—	272	289	—	—	—	—	67	67
Brunei .....	—	—	—	—	—	—	—	—	—	—
Cameroon .....	599	—	—	144	—	—	—	—	—	—
Canada .....	39,400	—	—	2,901	—	—	—	—	—	—
Chad .....	4,680	—	—	—	—	—	—	—	—	—
China .....	—	—	—	—	—	—	—	—	22	22
Colombia .....	88,081	—	—	1,040	—	297	297	—	—	—
Congo (Brazzaville) .....	9,200	—	—	303	—	—	—	—	—	—
Denmark .....	—	—	—	105	—	—	—	—	—	—
Egypt .....	3,120	—	—	853	—	—	—	—	—	—
Equatorial Guinea .....	15,824	—	—	—	—	—	—	—	—	—
Estonia .....	—	—	—	857	—	—	—	—	—	—
Finland .....	—	—	43	115	—	—	—	—	—	—
France .....	—	—	—	165	—	—	—	—	25	25
Gabon .....	3,763	—	—	—	—	—	—	—	—	—
Germany .....	—	—	35	606	—	—	—	—	7	7
Guatemala .....	3,937	—	—	—	—	—	—	—	—	—
India .....	—	—	—	1,500	—	699	699	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	321	1,836	—	1,856	1,856	—	—	—
Korea, South .....	—	—	—	—	—	—	—	—	340	340
Latvia .....	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	177	—	—	—	—	—	—
Malaysia .....	—	—	—	474	—	—	—	—	—	—
Mexico .....	339,900	—	340	7,715	—	—	—	—	7,561	7,561
Netherlands .....	—	—	238	5,275	—	2,844	2,844	—	511	511
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—
Norway .....	6,245	511	723	3,799	—	—	—	—	830	830
Oman .....	349	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	39	12	—	1,450	1,450	—	—	—
Russia .....	55,875	—	—	58,936	—	—	—	—	1,184	1,184
Spain .....	—	—	—	261	—	1,702	1,702	—	270	270
Sweden .....	—	—	—	752	—	241	241	—	386	386
Syria .....	—	—	—	1,005	—	—	—	—	—	—
Trinidad and Tobago .....	14,644	—	255	350	—	124	124	—	848	848
United Kingdom .....	36,422	145	—	2,017	—	60	60	—	217	217
Vietnam .....	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	4,990	—	—	—	—	219	219
Yemen .....	—	—	—	—	—	—	—	—	—	—
Other .....	18,136	0	17	7,847	—	0	0	—	1,051	1,051
<b>Total</b> .....	<b>1,640,358</b>	<b>3,173</b>	<b>2,718</b>	<b>141,733</b>	—	<b>10,942</b>	<b>10,942</b>	—	<b>15,830</b>	<b>15,830</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>358,626</b>	—	—	<b>586</b>	—	—	—	—	<b>153</b>	<b>153</b>

See footnotes at end of table.

**Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-	-	-	-	-	-	-	20	-	429	449
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	20	-	219	239
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	210	210
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	-	-	-	-	209	1,430	767	2,406
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	176	-	176
Brazil .....	-	-	-	-	-	-	-	-	539	-	539
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	-	-	-	-	178	-	178
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	76	-	76
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	346	625	971
Spain .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	-	-	-	209	115	142	466
<b>Total</b> .....	-	-	-	-	-	-	-	229	1,430	1,196	2,855
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-	210	210

See footnotes at end of table.

**Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
<b>OPEC</b> .....	—	—	—	310	920	1,332	125	249	1,706
Algeria .....	—	—	—	—	—	85	—	—	85
Angola .....	—	—	—	—	—	—	125	—	125
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	23	1,247	—	79	1,326
Nigeria .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	897	—	—	170	170
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	310	—	—	—	—	—
<b>Non-OPEC</b> .....	—	—	—	1,090	1,986	1,451	2,803	16,223	20,477
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	212	212
Bahrain .....	—	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	—	201	175	376
Brazil .....	—	—	—	—	79	—	—	472	472
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	206	206
Canada .....	—	—	—	—	153	—	—	476	476
Chad .....	—	—	—	—	—	24	24	—	48
China .....	—	—	—	—	42	—	—	—	—
Colombia .....	—	—	—	139	—	—	28	497	525
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—	—
Egypt .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	225	—	—	—	—	—
Estonia .....	—	—	—	—	—	—	160	—	160
Finland .....	—	—	—	—	—	—	—	101	101
France .....	—	—	—	—	—	—	—	164	164
Gabon .....	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	183	183
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	35	—	—	—	—
Korea, South .....	—	—	—	—	1,116	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	129	—	129
Mexico .....	—	—	—	—	—	—	—	5,418	5,418
Netherlands .....	—	—	—	—	51	29	146	94	269
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	100	—	100
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	636	482	6,973	8,091
Spain .....	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	53	53
Syria .....	—	—	—	—	—	—	—	13	13
Trinidad and Tobago .....	—	—	—	—	—	327	—	—	327
United Kingdom .....	—	—	—	—	—	84	239	16	339
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	351	—	253	604
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	726	510	0	1,294	917	2,211
<b>Total</b> .....	—	—	—	1,400	2,906	2,783	2,928	16,472	22,183
<b>Persian Gulf<sup>3</sup></b> .....	—	—	—	—	897	—	—	170	170

See footnotes at end of table.

**Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	<b>2,718</b>	<b>19,376</b>	—	<b>186</b>	—	<b>100</b>	—	<b>54,770</b>	<b>1,006,897</b>	<b>3,132</b>	<b>180</b>	<b>3,312</b>
Algeria .....	931	13,505	—	—	—	25	—	30,110	100,523	232	99	331
Angola .....	—	—	—	—	—	—	—	1,890	62,427	199	6	205
Ecuador .....	—	—	—	—	—	—	—	—	9,345	31	—	31
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	70,455	232	—	232
Kuwait .....	—	—	—	182	—	—	—	182	61,686	202	1	203
Libya .....	368	4,935	—	—	—	—	—	8,731	14,397	19	29	47
Nigeria .....	278	570	—	—	—	—	—	3,051	185,921	602	10	612
Qatar .....	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	506	356	—	—	—	—	—	2,668	229,021	745	9	753
United Arab Emirates .....	—	—	—	—	—	—	—	210	524	1	1	2
Venezuela .....	635	10	—	4	—	75	—	7,928	272,598	871	26	897
<b>Non-OPEC</b> .....	<b>10,057</b>	<b>8,098</b>	<b>349</b>	<b>723</b>	—	<b>4,825</b>	—	<b>195,970</b>	<b>884,201</b>	<b>2,264</b>	<b>645</b>	<b>2,909</b>
Argentina .....	30	120	—	370	—	12	—	957	2,450	5	3	8
Aruba .....	—	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	1,298	4	—	4
Bahamas .....	—	—	—	—	—	—	—	1,348	1,348	—	4	4
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	53	—	—	—	—	67	—	14,693	14,693	—	48	48
Brazil .....	48	—	—	—	—	—	—	1,859	47,124	149	6	155
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	350	949	2	1	3
Canada .....	372	280	—	—	—	15	—	4,375	43,775	130	14	144
Chad .....	—	—	—	—	—	—	—	48	4,728	15	0	16
China .....	—	—	221	—	—	—	—	287	287	—	1	1
Colombia .....	—	—	—	—	—	—	—	2,077	90,158	290	7	297
Congo (Brazzaville) .....	—	—	—	—	—	—	—	303	9,503	30	1	31
Denmark .....	—	—	—	—	—	—	—	105	105	—	0	0
Egypt .....	—	—	—	—	—	—	—	853	3,973	10	3	13
Equatorial Guinea .....	—	—	—	—	—	—	—	225	16,049	52	1	53
Estonia .....	—	—	—	—	—	—	—	1,017	1,017	—	3	3
Finland .....	—	—	—	—	—	46	—	305	305	—	1	1
France .....	139	168	—	—	—	111	—	772	772	—	3	3
Gabon .....	22	—	—	—	—	—	—	22	3,785	12	0	12
Germany .....	29	285	—	—	—	12	—	974	974	—	3	3
Guatemala .....	—	—	—	—	—	—	—	—	3,937	13	—	13
India .....	—	—	—	—	—	—	—	2,382	2,382	—	8	8
Indonesia .....	—	—	—	—	—	539	—	539	539	—	2	2
Italy .....	64	—	—	—	—	87	—	4,199	4,199	—	14	14
Korea, South .....	837	—	—	—	—	2,953	—	5,246	5,246	—	17	17
Latvia .....	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	177	177	—	1	1
Malaysia .....	—	—	96	—	—	—	—	699	699	—	2	2
Mexico .....	5,172	—	—	—	—	63	—	26,305	366,205	1,118	87	1,205
Netherlands .....	77	—	—	—	—	647	—	10,056	10,056	—	33	33
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—	—	—	—
Norway .....	519	508	—	—	—	—	—	6,990	13,235	21	23	44
Oman .....	—	—	—	—	—	—	—	—	349	1	—	1
Portugal .....	132	—	—	—	—	—	—	1,633	1,633	—	5	5
Russia .....	267	6,737	—	—	—	17	—	76,203	132,078	184	251	434
Spain .....	96	—	—	223	—	21	—	2,573	2,573	—	8	8
Sweden .....	47	—	—	—	—	—	—	1,479	1,479	—	5	5
Syria .....	—	—	—	—	—	—	—	1,018	1,018	—	3	3
Trinidad and Tobago .....	—	—	—	—	—	—	—	1,904	16,548	48	6	54
United Kingdom .....	169	—	—	16	—	96	—	3,059	39,481	120	10	130
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	—	5,813	5,813	—	19	19
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	1,984	0	32	114	—	139	—	15,125	33,261	60	52	112
<b>Total</b> .....	<b>12,775</b>	<b>27,474</b>	<b>349</b>	<b>909</b>	—	<b>4,925</b>	—	<b>250,740</b>	<b>1,891,098</b>	<b>5,396</b>	<b>825</b>	<b>6,221</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>506</b>	<b>356</b>	—	<b>182</b>	—	—	—	<b>3,060</b>	<b>361,686</b>	<b>1,180</b>	<b>10</b>	<b>1,190</b>

— = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."



**Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reform-ulated	Conven- tional	Total	Reform-ulated	Conven- tional	Total
	PAD District 4									
OPEC .....	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
Non-OPEC .....	71,866	-	2,674	-	-	-	-	-	-	-
Canada .....	71,866	-	2,674	-	-	-	-	-	-	-
Other .....	0	-	0	-	-	-	-	-	-	-
Total .....	71,866	-	2,674	-	-	-	-	-	-	-
	PAD District 5									
OPEC .....	194,180	-	-	5,447	-	711	711	-	288	288
Algeria .....	700	-	-	5,304	-	-	-	-	-	-
Angola .....	19,904	-	-	-	-	-	-	-	-	-
Ecuador .....	50,352	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	52,873	-	-	-	-	-	-	-	-	-
Kuwait .....	799	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	143	-	-	-	-	-	-
Nigeria .....	1,245	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	65,300	-	-	-	-	711	711	-	-	-
United Arab Emirates .....	295	-	-	-	-	-	-	-	-	-
Venezuela .....	2,712	-	-	-	-	-	-	-	288	288
Non-OPEC .....	151,113	-	1,255	11,493	-	3,807	3,807	1,369	6,539	7,908
Argentina .....	5,458	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	2,408	-	-	-	-	-	-	-	-	-
Brazil .....	18,697	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Canada .....	58,550	-	962	173	-	503	503	-	2,886	2,886
China .....	1,214	-	-	-	-	-	-	-	-	-
Colombia .....	11,330	-	-	208	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	9,805	-	-	-	-	-	-	-	250	250
Japan .....	-	-	-	-	-	382	382	-	141	141
Korea, South .....	-	-	90	-	-	1,712	1,712	249	1,418	1,667
Malaysia .....	959	-	45	-	-	-	-	-	293	293
Mexico .....	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	274	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-
Oman .....	2,982	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-
Peru .....	3,880	-	-	187	-	-	-	-	208	208
Singapore .....	-	-	-	-	-	376	376	621	172	793
Sweden .....	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	80	80
United Kingdom .....	975	-	-	191	-	-	-	-	-	-
Vietnam .....	4,223	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	3,516	-	-	-	-	-	-
Other .....	30,632	-	158	6,944	-	834	834	499	1,091	1,590
Total .....	345,293	-	1,255	16,940	-	4,518	4,518	1,369	6,827	8,196
Persian Gulf <sup>3</sup> .....	119,267	-	-	-	-	711	711	-	-	-

See footnotes at end of table.

**Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen-ates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
	PAD District 4										
OPEC .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC .....	-	-	10	-	-	-	1,935	62	-	-	1,997
Canada .....	-	-	10	-	-	-	1,935	62	-	-	1,997
Other .....	-	-	0	-	-	-	0	0	-	-	0
Total .....	-	-	10	-	-	-	1,935	62	-	-	1,997
	PAD District 5										
OPEC .....	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC .....	-	-	67	-	-	-	2,796	275	70	-	3,141
Argentina .....	-	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	67	-	-	-	1,983	121	-	-	2,104
China .....	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	773	-	-	-	773
Korea, South .....	-	-	-	-	-	-	40	154	70	-	264
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	0	-	-	-	0	0	0	-	0
Total .....	-	-	67	-	-	-	2,796	275	70	-	3,141
Persian Gulf <sup>3</sup> .....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
	PAD District 4								
OPEC .....	—	—	—	6	—	—	—	—	—
Algeria .....	—	—	—	6	—	—	—	—	—
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—
Non-OPEC .....	—	2	—	15	—	—	—	—	—
Canada .....	—	2	—	—	—	—	—	—	—
Other .....	—	0	—	15	—	—	—	—	—
Total .....	—	2	—	21	—	—	—	—	—
	PAD District 5								
OPEC .....	—	—	—	—	—	—	190	—	190
Algeria .....	—	—	—	—	—	—	—	—	—
Angola .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	190	—	190
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	—	—	—	—	—	—
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—
Non-OPEC .....	—	—	—	11,525	—	622	2,244	14,395	17,261
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	—	—	—
Brunei .....	—	—	—	—	—	—	—	—	—
Canada .....	—	—	—	277	—	—	77	412	489
China .....	—	—	—	278	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	323	—	—	62	—	62
Japan .....	—	—	—	1,142	—	—	—	—	—
Korea, South .....	—	—	—	8,033	—	—	—	—	—
Malaysia .....	—	—	—	242	—	—	—	—	—
Mexico .....	—	—	—	221	—	622	1,670	9,206	11,498
Netherlands .....	—	—	—	—	—	—	—	—	—
Netherlands Antilles .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Papua New Guinea .....	—	—	—	—	—	—	—	—	—
Peru .....	—	—	—	—	—	—	200	321	521
Singapore .....	—	—	—	303	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—
Taiwan .....	—	—	—	706	—	—	235	—	235
United Kingdom .....	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	—	236	236
Other .....	—	—	—	0	—	0	0	4,220	4,220
Total .....	—	—	—	11,525	—	622	2,434	14,395	17,451
Persian Gulf <sup>3</sup> .....	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-October 2010**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks								Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Waxes	Petroleum Coke	Asphalt and Road Oil
	PAD District 4											
OPEC .....	-	-	-	-	-	-	-	6	6	-	0	0
Algeria .....	-	-	-	-	-	-	-	6	6	-	0	0
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC .....	-	-	-	-	701	-	14	5,413	77,279	236	18	254
Canada .....	-	-	-	-	701	-	14	5,398	77,264	236	18	254
Other .....	-	-	-	-	0	-	0	15	15	0	0	0
Total .....	-	-	-	-	701	-	14	5,419	77,285	236	18	254
	PAD District 5											
OPEC .....	-	-	-	-	-	-	-	6,636	200,816	639	22	661
Algeria .....	-	-	-	-	-	-	-	5,304	6,004	2	17	20
Angola .....	-	-	-	-	-	-	-	-	19,904	65	-	65
Ecuador .....	-	-	-	-	-	-	-	190	50,542	166	1	166
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	52,873	174	-	174
Kuwait .....	-	-	-	-	-	-	-	-	799	3	-	3
Libya .....	-	-	-	-	-	-	-	143	143	-	0	0
Nigeria .....	-	-	-	-	-	-	-	-	1,245	4	-	4
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	711	66,011	215	2	217
United Arab Emirates .....	-	-	-	-	-	-	-	-	295	1	-	1
Venezuela .....	-	-	-	-	-	-	-	288	3,000	9	1	10
Non-OPEC .....	390	-	415	259	1,021	31	1	58,574	209,687	497	193	690
Argentina .....	-	-	-	-	-	-	-	-	5,458	18	-	18
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	2,408	8	-	8
Brazil .....	-	-	-	-	-	-	-	-	18,697	62	-	62
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	259	1,021	3	1	8,745	67,295	193	29	221
China .....	-	-	307	-	-	-	-	585	1,799	4	2	6
Colombia .....	-	-	-	-	-	-	-	208	11,538	37	1	38
Finland .....	-	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	3	-	-	-	-	3	3	-	0	0
Indonesia .....	-	-	-	-	-	-	-	635	10,440	32	2	34
Japan .....	-	-	79	-	-	4	-	2,521	2,521	-	8	8
Korea, South .....	390	-	-	-	-	23	-	12,179	12,179	-	40	40
Malaysia .....	-	-	-	-	-	-	-	580	1,539	3	2	5
Mexico .....	-	-	-	-	-	-	-	11,719	11,719	-	39	39
Netherlands .....	-	-	-	-	-	-	-	274	274	-	1	1
Netherlands Antilles .....	-	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	2,982	10	-	10
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	916	4,796	13	3	16
Singapore .....	-	-	-	-	-	1	-	1,473	1,473	-	5	5
Sweden .....	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	1,021	1,021	-	3	3
United Kingdom .....	-	-	-	-	-	-	-	191	1,166	3	1	4
Vietnam .....	-	-	-	-	-	-	-	-	4,223	14	-	14
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	3,752	3,752	-	12	12
Other .....	0	-	26	0	0	0	0	13,772	44,404	100	45	146
Total .....	390	-	415	259	1,021	31	1	65,210	410,503	1,136	215	1,350
Persian Gulf <sup>3</sup> .....	-	-	-	-	-	-	-	711	119,978	392	2	395

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 49. Exports of Crude Oil and Petroleum Products by PAD District, October 2010**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1</sup></b> .....	<b>47</b>	<b>681</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>728</b>	<b>23</b>
<b>Natural Gas Plant Liquids and Liquefied</b>							
<b>Refinery Gases</b> .....	<b>22</b>	<b>514</b>	<b>3,882</b>	<b>50</b>	<b>262</b>	<b>4,729</b>	<b>153</b>
Pentanes Plus .....	—	63	—	28	33	123	4
Liquefied Petroleum Gases .....	22	451	3,882	22	229	4,606	149
Ethane/Ethylene .....	—	—	—	—	—	—	—
Propane/Propylene .....	12	13	3,491	0	215	3,732	120
Normal Butane/Butylene .....	10	438	390	22	13	873	28
Isobutane/Isobutylene .....	—	—	—	—	—	—	—
<b>Other Liquids</b> .....	<b>12</b>	<b>66</b>	<b>2,596</b>	<b>—</b>	<b>63</b>	<b>2,737</b>	<b>88</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	0	1	1,585	—	2	1,589	51
Hydrogen .....	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol) .....	0	1	1,585	—	2	1,589	51
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	1,195	—	1	1,196	39
Other Oxygenates .....	0	1	391	—	1	393	13
Renewable Fuels (including Fuel Ethanol) ...	—	—	—	—	—	—	—
Fuel Ethanol .....	—	—	—	—	—	—	—
Biomass-Based Diesel .....	—	—	—	—	—	—	—
Other Renewable Diesel .....	—	—	—	—	—	—	—
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC) .....	11	65	1,010	—	61	1,148	37
Reformulated .....	0	—	49	—	—	50	2
Conventional .....	11	65	961	—	61	1,098	35
Aviation Gasoline Blend. Comp. ....	—	—	—	—	—	—	—
<b>Finished Petroleum Products</b> .....	<b>7,114</b>	<b>1,206</b>	<b>50,812</b>	<b>80</b>	<b>8,040</b>	<b>67,251</b>	<b>2,169</b>
Finished Motor Gasoline .....	114	104	7,292	—	1,259	8,769	283
Reformulated .....	10	1	5	—	451	468	15
Conventional .....	103	103	7,287	—	808	8,301	268
Finished Aviation Gasoline .....	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel .....	21	90	1,179	—	683	1,973	64
Kerosene .....	0	2	1	8	3	15	0
Distillate Fuel Oil .....	4,094	84	21,284	—	1,645	27,107	874
15 ppm sulfur and under .....	441	0	14,437	—	723	15,602	503
Greater than 15 ppm to 500 ppm sulfur .....	3,652	0	5,949	—	305	9,907	320
Greater than 500 ppm sulfur .....	1	84	897	—	617	1,599	52
Residual Fuel Oil .....	2,077	111	7,898	15	567	10,668	344
Naphtha for Petro. Feed. Use .....	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use .....	—	—	—	—	—	—	—
Special Naphthas .....	3	0	1,062	—	270	1,335	43
Lubricants .....	158	191	1,333	7	287	1,976	64
Waxes .....	50	15	61	0	4	130	4
Petroleum Coke .....	238	264	10,387	—	3,195	14,084	454
Asphalt and Road Oil .....	341	344	303	50	124	1,162	37
Miscellaneous Products .....	16	1	12	0	3	32	1
<b>Total</b> .....	<b>7,194</b>	<b>2,466</b>	<b>57,289</b>	<b>129</b>	<b>8,365</b>	<b>75,444</b>	<b>2,434</b>

— = No Data Reported.

<sup>1</sup> Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and the U.S. Census Bureau.

**Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-October 2010**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1</sup></b> .....	<b>2,013</b>	<b>10,018</b>	<b>949</b>	<b>15</b>	<b>3</b>	<b>12,997</b>	<b>43</b>
<b>Natural Gas Plant Liquids and Liquefied</b>							
<b>Refinery Gases</b> .....	<b>1,682</b>	<b>6,652</b>	<b>31,134</b>	<b>1,744</b>	<b>3,838</b>	<b>45,050</b>	<b>148</b>
Pentanes Plus .....	76	4,134	127	1,618	580	6,535	21
Liquefied Petroleum Gases .....	1,606	2,518	31,007	126	3,258	38,514	127
Ethane/Ethylene .....	—	—	—	—	—	—	—
Propane/Propylene .....	268	468	29,151	4	2,096	31,988	105
Normal Butane/Butylene .....	1,338	2,050	1,855	122	1,162	6,526	21
Isobutane/Isobutylene .....	—	—	—	—	—	—	—
<b>Other Liquids</b> .....	<b>566</b>	<b>415</b>	<b>26,901</b>	<b>0</b>	<b>942</b>	<b>28,824</b>	<b>95</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	9	13	16,736	0	22	16,779	55
Hydrogen .....	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol) .....	9	13	16,736	0	22	16,779	55
Methyl Tertiary Butyl Ether (MTBE) .....	2	9	10,474	—	6	10,492	35
Other Oxygenates .....	6	4	6,261	0	16	6,287	21
Renewable Fuels (including Fuel Ethanol) ...	—	—	—	—	—	—	—
Fuel Ethanol .....	—	—	—	—	—	—	—
Biomass-Based Diesel .....	—	—	—	—	—	—	—
Other Renewable Diesel .....	—	—	—	—	—	—	—
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC) .....	557	402	10,165	—	920	12,045	40
Reformulated .....	2	1	401	—	1	404	1
Conventional .....	555	401	9,765	—	920	11,641	38
Aviation Gasoline Blend. Comp. ....	—	—	—	—	—	—	—
<b>Finished Petroleum Products</b> .....	<b>49,466</b>	<b>11,155</b>	<b>463,125</b>	<b>597</b>	<b>76,726</b>	<b>601,069</b>	<b>1,977</b>
Finished Motor Gasoline .....	1,698	1,032	64,867	8	11,938	79,543	262
Reformulated .....	75	66	34	1	3,225	3,401	11
Conventional .....	1,623	966	64,833	8	8,713	76,143	250
Finished Aviation Gasoline .....	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel .....	724	1,109	14,398	13	7,287	23,531	77
Kerosene .....	19	25	217	32	16	310	1
Distillate Fuel Oil .....	21,015	1,127	159,941	7	13,806	195,897	644
15 ppm sulfur and under .....	2,468	1	77,647	—	5,794	85,909	283
Greater than 15 ppm to 500 ppm sulfur .....	16,335	517	74,206	7	4,793	95,857	315
Greater than 500 ppm sulfur .....	2,211	610	8,089	0	3,220	14,130	46
Residual Fuel Oil .....	18,548	1,163	99,996	48	5,473	125,227	412
Naphtha for Petro. Feed. Use .....	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use .....	—	—	—	—	—	—	—
Special Naphthas .....	716	10	8,672	0	1,081	10,480	34
Lubricants .....	1,299	1,567	13,245	66	2,535	18,712	62
Waxes .....	507	330	635	2	69	1,544	5
Petroleum Coke .....	3,316	2,396	97,616	—	33,469	136,798	450
Asphalt and Road Oil .....	1,445	2,385	3,388	420	1,034	8,672	29
Miscellaneous Products .....	178	10	148	0	17	354	1
<b>Total</b> .....	<b>53,727</b>	<b>28,240</b>	<b>522,109</b>	<b>2,356</b>	<b>81,508</b>	<b>687,939</b>	<b>2,263</b>

— = No Data Reported.

<sup>1</sup> Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and the U.S. Census Bureau.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, October 2010**  
(Thousand Barrels)

Destination	Crude Oil <sup>1</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina .....	—	—	—	—	—	294	294	—	—	—
Australia .....	—	—	2	—	—	—	—	—	0	0
Bahamas .....	—	—	1	—	1	147	148	—	0	0
Bahrain .....	—	—	—	—	—	0	0	—	—	—
Belgium .....	—	—	—	—	—	—	—	0	0	0
Belize .....	—	—	—	—	—	19	19	—	—	—
Brazil .....	—	—	569	—	—	—	—	—	0	0
Canada .....	728	123	517	—	452	376	828	—	105	105
Cayman Islands .....	—	—	—	—	—	26	26	—	—	—
Chile .....	—	—	—	—	—	297	297	—	8	8
China .....	—	—	29	—	—	0	0	—	2	2
Colombia .....	—	—	—	—	—	—	—	—	8	8
Costa Rica .....	—	—	1	—	—	—	—	—	0	0
Denmark .....	—	—	—	—	—	—	—	—	—	—
Dominican Republic .....	—	—	236	—	—	15	15	0	—	0
Ecuador .....	—	—	759	—	—	265	265	—	—	—
Egypt .....	—	—	136	—	—	—	—	0	—	0
El Salvador .....	—	—	—	—	—	20	20	—	—	—
Finland .....	—	—	—	—	—	—	—	—	0	0
France .....	—	—	0	—	—	—	—	—	0	0
Germany .....	—	—	—	—	—	—	—	—	0	0
Ghana .....	—	—	—	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	—	—	—	—	—	—	—
Greece .....	—	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	326	326	—	—	—
Honduras .....	—	—	699	—	—	288	288	—	—	—
Hong Kong .....	—	—	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—	0	0
Indonesia .....	—	—	—	—	—	—	—	—	0	0
Ireland .....	—	—	—	—	—	—	—	—	—	—
Israel .....	—	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	0	0	—	0	0
Jamaica .....	—	—	—	—	—	1	1	—	—	—
Japan .....	—	—	—	—	0	4	4	—	0	0
Korea, South .....	—	—	—	—	—	—	—	—	0	0
Lebanon .....	—	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	1,652	—	5	5,343	5,349	—	730	730
Montenegro .....	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	—	—	—	—	—	—
Mozambique .....	—	—	—	—	—	—	—	—	—	—
Netherlands .....	—	—	—	—	—	0	0	—	164	164
Netherlands Antilles .....	—	—	—	—	—	1	1	—	—	—
New Zealand .....	—	—	1	—	—	—	—	—	—	—
Nicaragua .....	—	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	0	—	—	189	189	—	28	28
Norway .....	—	—	0	—	—	—	—	—	—	—
Pakistan .....	—	—	—	—	—	—	—	—	—	—
Panama .....	—	—	0	—	—	585	585	—	—	—
Peru .....	—	—	1	—	—	39	39	—	39	39
Philippines .....	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	1	—	—	1	1	—	1	1
Romania .....	—	—	—	—	—	—	—	—	2	2
Saudi Arabia .....	—	—	—	—	—	—	—	—	—	—
Serbia .....	—	—	—	—	—	—	—	—	—	—
Singapore .....	—	—	—	—	—	—	—	—	0	0
South Africa .....	—	—	—	—	—	—	—	—	—	—
Spain .....	—	—	—	—	—	—	—	—	—	—
Switzerland .....	—	—	—	—	—	—	—	—	—	—
Taiwan .....	—	—	0	—	—	—	—	—	—	—
Thailand .....	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	0	—	0
Turkey .....	—	—	—	—	3	—	3	—	0	0
United Arab Emirates .....	—	—	—	—	—	—	—	—	1	1
United Kingdom .....	—	—	2	—	0	1	1	—	0	0
Venezuela .....	—	—	—	—	—	—	—	—	2	2
Other .....	—	—	—	—	7	64	70	50	8	58
<b>Total .....</b>	<b>728</b>	<b>123</b>	<b>4,606</b>	<b>—</b>	<b>468</b>	<b>8,301</b>	<b>8,769</b>	<b>50</b>	<b>1,098</b>	<b>1,148</b>

See footnotes at end of table.



**Table 51. Exports of Crude Oil and Petroleum Products by Destination, October 2010**  
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil <sup>2</sup>				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina .....	60	0	—	—	—	—	408	—	—	—	408
Australia .....	—	0	—	—	—	—	—	0	—	—	0
Bahamas .....	—	—	—	—	—	—	—	30	345	—	376
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	8	—	—	—	—	—	761	6	—	—	767
Belize .....	—	—	—	—	—	—	—	32	—	—	32
Brazil .....	—	—	—	—	—	—	—	2,337	—	—	2,337
Canada .....	—	0	—	—	—	—	—	303	448	—	751
Cayman Islands .....	—	—	—	—	—	—	—	126	—	—	126
Chile .....	75	—	—	—	—	—	117	502	—	—	619
China .....	0	1	—	—	—	—	—	0	0	—	0
Colombia .....	—	—	—	—	—	—	1,685	—	—	—	1,685
Costa Rica .....	25	0	—	—	—	—	—	442	—	—	442
Denmark .....	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic .....	—	—	—	—	—	—	—	214	—	—	214
Ecuador .....	—	—	—	—	—	—	—	685	—	—	685
Egypt .....	—	—	—	—	—	—	—	218	—	—	218
El Salvador .....	—	—	—	—	—	—	—	45	—	—	45
Finland .....	—	—	—	—	—	—	—	—	—	—	—
France .....	—	0	—	—	—	—	845	—	—	—	845
Germany .....	0	0	—	—	—	—	645	0	—	—	645
Ghana .....	—	—	—	—	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	—	—	—	439	1,183	—	—	1,622
Greece .....	—	—	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	294	—	—	294
Honduras .....	—	—	—	—	—	—	—	150	—	—	150
Hong Kong .....	0	—	—	—	—	—	—	—	—	—	—
India .....	—	1	—	—	—	—	—	—	—	—	—
Indonesia .....	—	0	—	—	—	—	—	—	—	—	—
Ireland .....	—	—	—	—	—	—	—	—	—	—	—
Israel .....	—	0	—	—	—	—	—	1	—	—	1
Italy .....	—	—	—	—	—	—	415	0	—	—	415
Jamaica .....	—	—	—	—	—	—	—	—	—	—	—
Japan .....	0	310	—	—	—	—	—	—	0	—	0
Korea, South .....	0	0	—	—	—	—	—	—	1	—	1
Lebanon .....	—	—	—	—	—	—	—	0	—	—	0
Mexico .....	468	82	—	—	—	—	4,013	436	68	—	4,517
Montenegro .....	—	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	—	—	363	—	—	—	363
Mozambique .....	—	—	—	—	—	—	—	—	—	—	—
Netherlands .....	—	0	—	—	—	—	5,181	2,053	—	—	7,234
Netherlands Antilles .....	83	—	—	—	—	—	—	75	—	—	75
New Zealand .....	—	—	—	—	—	—	—	—	—	—	—
Nicaragua .....	—	—	—	—	—	—	—	0	—	—	0
Nigeria .....	—	—	—	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—	—	—
Pakistan .....	—	—	—	—	—	—	—	—	—	—	—
Panama .....	—	0	—	—	—	—	—	415	199	—	614
Peru .....	—	—	—	—	—	—	610	—	284	—	894
Philippines .....	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	0	—	—	—	—	—	—	0	—	0
Romania .....	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	—	—	—	—	—	—	—
Serbia .....	—	—	—	—	—	—	—	—	—	—	—
Singapore .....	—	0	—	—	—	—	—	—	252	—	252
South Africa .....	—	—	—	—	—	—	—	—	—	—	—
Spain .....	—	—	—	—	—	—	—	243	—	—	243
Switzerland .....	—	—	—	—	—	—	—	—	—	—	—
Taiwan .....	—	0	—	—	—	—	0	0	—	—	0
Thailand .....	—	0	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—	—	—
Turkey .....	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	0	—	—	—	—	0	—	—	—	0
United Kingdom .....	—	—	—	—	—	—	—	1	—	—	1
Venezuela .....	460	—	—	—	—	—	—	0	—	—	0
Other .....	17	0	—	—	—	—	120	116	2	—	236
<b>Total .....</b>	<b>1,196</b>	<b>393</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>15,602</b>	<b>9,907</b>	<b>1,599</b>	<b>—</b>	<b>27,107</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, October 2010**  
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina .....	0	—	—	105	—	0	—	—
Australia .....	—	—	—	—	0	0	—	—
Bahamas .....	—	—	—	29	0	1,080	—	—
Bahrain .....	—	—	—	—	—	0	—	—
Belgium .....	—	—	—	—	1	—	—	—
Belize .....	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	20	40	0	—	—
Canada .....	11	—	—	775	1	595	—	—
Cayman Islands .....	—	—	—	—	—	—	—	—
Chile .....	—	—	—	—	5	153	—	—
China .....	—	—	—	—	0	1	—	—
Colombia .....	0	—	—	60	189	150	—	—
Costa Rica .....	—	—	—	—	0	0	—	—
Denmark .....	—	—	—	—	—	280	—	—
Dominican Republic .....	—	—	—	46	5	110	—	—
Ecuador .....	—	—	—	10	—	414	—	—
Egypt .....	—	—	—	—	—	1	—	—
El Salvador .....	—	—	—	25	0	—	—	—
Finland .....	—	—	—	—	—	0	—	—
France .....	—	—	—	—	—	—	—	—
Germany .....	0	—	—	—	—	2	—	—
Ghana .....	—	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	—	—	349	—	—
Greece .....	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	39	0	31	—	—
Honduras .....	—	—	—	72	0	269	—	—
Hong Kong .....	—	—	—	—	—	—	—	—
India .....	—	—	—	—	—	—	—	—
Indonesia .....	—	—	—	—	—	—	—	—
Ireland .....	—	—	—	—	—	—	—	—
Israel .....	—	—	—	168	0	—	—	—
Italy .....	—	—	—	—	—	0	—	—
Jamaica .....	—	—	—	—	0	369	—	—
Japan .....	—	—	—	—	268	0	—	—
Korea, South .....	—	—	—	—	0	100	—	—
Lebanon .....	—	—	—	—	—	346	—	—
Mexico .....	3	—	—	51	375	12	—	—
Montenegro .....	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	—	628	—	—
Mozambique .....	—	—	—	—	—	0	—	—
Netherlands .....	—	—	—	50	0	955	—	—
Netherlands Antilles .....	—	—	—	—	—	698	—	—
New Zealand .....	—	—	—	—	—	—	—	—
Nicaragua .....	—	—	—	—	—	0	—	—
Nigeria .....	—	—	—	—	—	—	—	—
Norway .....	—	—	—	—	0	—	—	—
Pakistan .....	—	—	—	—	—	—	—	—
Panama .....	—	—	—	209	0	1,648	—	—
Peru .....	0	—	—	—	177	—	—	—
Philippines .....	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	0	—	—
Puerto Rico .....	—	—	—	1	2	466	—	—
Romania .....	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	0	—	—	—
Serbia .....	—	—	—	—	—	—	—	—
Singapore .....	—	—	—	—	0	1,304	—	—
South Africa .....	—	—	—	13	—	—	—	—
Spain .....	—	—	—	—	—	0	—	—
Switzerland .....	—	—	—	—	—	0	—	—
Taiwan .....	—	—	—	—	0	0	—	—
Thailand .....	—	—	—	—	2	0	—	—
Trinidad and Tobago .....	—	—	—	—	0	0	—	—
Turkey .....	—	—	—	—	—	—	—	—
United Arab Emirates .....	—	—	—	—	0	0	—	—
United Kingdom .....	0	—	—	300	0	—	—	—
Venezuela .....	—	—	—	—	0	0	—	—
Other .....	1	—	—	—	270	707	—	—
<b>Total .....</b>	<b>15</b>	<b>—</b>	<b>—</b>	<b>1,973</b>	<b>1,335</b>	<b>10,668</b>	<b>—</b>	<b>—</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, October 2010**  
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina .....	0	—	0	8	0	876	876	—	28	28
Australia .....	0	295	0	14	0	312	312	—	10	10
Bahamas .....	—	—	2	4	2	1,642	1,642	—	53	53
Bahrain .....	—	—	—	0	—	0	0	—	0	0
Belgium .....	2	689	1	145	0	1,613	1,613	—	52	52
Belize .....	—	—	—	0	—	51	51	—	2	2
Brazil .....	1	1,021	44	184	1	4,218	4,218	—	136	136
Canada .....	58	620	447	269	5	5,103	5,831	23	165	188
Cayman Islands .....	—	—	0	2	—	153	153	—	5	5
Chile .....	3	—	65	72	0	1,297	1,297	—	42	42
China .....	9	1,162	32	14	0	1,251	1,251	—	40	40
Colombia .....	0	—	0	37	0	2,129	2,129	—	69	69
Costa Rica .....	0	0	—	42	—	509	509	—	16	16
Denmark .....	0	152	—	0	0	432	432	—	14	14
Dominican Republic .....	0	—	27	12	0	666	666	—	21	21
Ecuador .....	0	150	0	85	—	2,369	2,369	—	76	76
Egypt .....	0	—	0	0	—	355	355	—	11	11
El Salvador .....	—	—	0	5	—	96	96	—	3	3
Finland .....	—	—	—	5	—	5	5	—	0	0
France .....	1	338	—	2	—	1,185	1,185	—	38	38
Germany .....	0	—	4	26	1	679	679	—	22	22
Ghana .....	—	—	—	0	—	0	0	—	0	0
Gibraltar .....	—	—	—	—	—	1,971	1,971	—	64	64
Greece .....	—	—	—	0	—	0	0	—	0	0
Guatemala .....	0	149	0	25	1	866	866	—	28	28
Honduras .....	0	—	—	11	—	1,488	1,488	—	48	48
Hong Kong .....	0	—	3	2	0	6	6	—	0	0
India .....	0	489	0	117	0	607	607	—	20	20
Indonesia .....	0	—	0	4	—	4	4	—	0	0
Ireland .....	—	—	—	—	1	1	1	—	0	0
Israel .....	0	333	—	157	—	659	659	—	21	21
Italy .....	1	509	0	11	0	937	937	—	30	30
Jamaica .....	—	—	2	1	0	374	374	—	12	12
Japan .....	2	2,199	1	34	3	2,821	2,821	—	91	91
Korea, South .....	0	197	—	6	1	306	306	—	10	10
Lebanon .....	—	—	—	0	—	347	347	—	11	11
Mexico .....	40	1,778	201	326	10	15,592	15,592	—	503	503
Montenegro .....	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	440	—	0	—	1,430	1,430	—	46	46
Mozambique .....	—	55	—	—	—	55	55	—	2	2
Netherlands .....	1	399	225	26	3	9,057	9,057	—	292	292
Netherlands Antilles .....	—	—	—	1	—	858	858	—	28	28
New Zealand .....	0	66	—	1	—	67	67	—	2	2
Nicaragua .....	—	—	—	5	—	5	5	—	0	0
Nigeria .....	—	—	—	6	—	222	222	—	7	7
Norway .....	0	53	0	1	—	55	55	—	2	2
Pakistan .....	—	—	0	1	—	1	1	—	0	0
Panama .....	—	200	31	12	—	3,299	3,299	—	106	106
Peru .....	0	204	0	95	0	1,449	1,449	—	47	47
Philippines .....	—	0	—	1	0	2	2	—	0	0
Portugal .....	—	236	—	0	—	236	236	—	8	8
Puerto Rico .....	0	—	0	14	—	487	487	—	16	16
Romania .....	—	—	—	0	—	2	2	—	0	0
Saudi Arabia .....	—	—	—	3	—	3	3	—	0	0
Serbia .....	—	—	—	—	—	—	—	—	—	—
Singapore .....	0	—	0	57	—	1,615	1,615	—	52	52
South Africa .....	8	0	1	16	0	38	38	—	1	1
Spain .....	0	611	—	0	—	855	855	—	28	28
Switzerland .....	0	275	—	0	—	275	275	—	9	9
Taiwan .....	0	0	3	4	0	8	8	—	0	0
Thailand .....	0	0	1	5	1	9	9	—	0	0
Trinidad and Tobago .....	—	—	—	22	0	22	22	—	1	1
Turkey .....	0	796	—	1	—	800	800	—	26	26
United Arab Emirates .....	0	0	0	26	—	27	27	—	1	1
United Kingdom .....	0	462	3	3	0	772	772	—	25	25
Venezuela .....	0	—	3	3	—	469	469	—	15	15
Other .....	4	206	66	53	3	1,679	1,678	—	55	56
<b>Total .....</b>	<b>130</b>	<b>14,084</b>	<b>1,162</b>	<b>1,976</b>	<b>32</b>	<b>74,717</b>	<b>75,444</b>	<b>23</b>	<b>2,410</b>	<b>2,434</b>

— = No Data Reported.

<sup>1</sup> Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

<sup>2</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and the U.S. Census Bureau.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-October 2010**  
(Thousand Barrels)

Destination	Crude Oil <sup>1</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina .....	—	—	1	—	—	1,407	1,407	—	3	3
Australia .....	—	—	6	—	0	1	1	—	0	0
Bahamas .....	—	—	18	—	8	1,291	1,298	1	376	377
Bahrain .....	—	—	—	—	—	1	1	—	0	0
Belgium .....	—	—	352	—	—	1	1	0	25	25
Belize .....	—	—	—	—	—	287	287	—	—	—
Brazil .....	—	127	4,758	—	—	1,758	1,758	—	10	10
Canada .....	12,997	6,409	4,633	—	3,285	4,278	7,563	—	1,241	1,241
Cayman Islands .....	—	—	0	—	—	233	233	—	—	—
Chile .....	—	—	1,786	—	—	3,669	3,669	—	9	9
China .....	—	—	544	—	1	2	4	0	14	14
Colombia .....	—	—	1	—	0	0	0	—	35	35
Costa Rica .....	—	—	1	—	—	2,850	2,850	—	1	1
Denmark .....	—	—	1	—	—	—	—	—	0	0
Dominican Republic .....	—	—	3,378	—	—	393	393	0	0	0
Ecuador .....	—	—	4,209	—	—	5,589	5,589	—	201	201
Egypt .....	—	—	270	—	—	—	—	0	—	0
El Salvador .....	—	—	—	—	—	309	309	—	1	1
Finland .....	—	—	—	—	0	0	1	—	6	6
France .....	—	—	1	—	—	1	1	—	0	0
Germany .....	—	—	4	—	—	2	2	0	3	3
Ghana .....	—	—	—	—	—	0	0	—	—	—
Gibraltar .....	—	—	—	—	—	—	—	—	—	—
Greece .....	—	—	1	—	—	0	0	—	—	—
Guatemala .....	—	—	1	—	—	1,562	1,562	0	10	10
Honduras .....	—	—	2,990	—	1	1,801	1,802	—	0	0
Hong Kong .....	—	—	2	—	—	—	—	—	—	—
India .....	—	—	0	—	5	0	5	0	60	60
Indonesia .....	—	—	0	—	—	—	—	—	0	0
Ireland .....	—	—	—	—	—	0	0	—	—	—
Israel .....	—	—	1	—	0	1	1	—	—	—
Italy .....	—	—	152	—	—	1	1	—	0	0
Jamaica .....	—	—	—	—	—	27	27	—	0	0
Japan .....	—	—	2,976	—	2	39	41	0	4	4
Korea, South .....	—	—	436	—	3	3	6	0	1	1
Lebanon .....	—	—	—	—	—	0	0	—	0	0
Mexico .....	—	—	10,261	—	34	47,606	47,640	30	8,312	8,342
Montenegro .....	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	—	—	—	—	0	0
Mozambique .....	—	—	—	—	—	0	0	—	—	—
Netherlands .....	—	—	275	—	—	363	363	—	349	349
Netherlands Antilles .....	—	—	—	—	—	382	382	—	227	227
New Zealand .....	—	—	1	—	—	—	—	—	—	—
Nicaragua .....	—	—	—	—	—	0	0	—	—	—
Nigeria .....	—	—	140	—	0	189	189	0	30	30
Norway .....	—	—	1	—	—	0	0	—	—	—
Pakistan .....	—	—	—	—	—	—	—	—	—	—
Panama .....	—	—	0	—	—	1,388	1,388	—	2	2
Peru .....	—	—	5	—	—	302	302	0	183	183
Philippines .....	—	—	0	—	1	—	1	—	20	20
Portugal .....	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	7	—	—	3	3	0	33	33
Romania .....	—	—	—	—	—	—	—	—	2	2
Saudi Arabia .....	—	—	0	—	—	—	—	—	2	2
Serbia .....	—	—	—	—	—	—	—	—	—	—
Singapore .....	—	—	0	—	—	—	—	—	2	2
South Africa .....	—	—	—	—	—	0	0	—	41	41
Spain .....	—	—	143	—	—	0	0	0	9	9
Switzerland .....	—	—	1	—	—	—	—	—	—	—
Taiwan .....	—	—	0	—	—	0	0	—	0	0
Thailand .....	—	—	0	—	—	—	—	—	1	1
Trinidad and Tobago .....	—	—	0	—	—	0	0	0	1	1
Turkey .....	—	—	—	—	5	—	5	—	35	35
United Arab Emirates .....	—	—	1	—	0	0	0	—	4	4
United Kingdom .....	—	—	294	—	4	24	28	0	8	8
Venezuela .....	—	—	1	—	—	1	1	0	3	3
Other .....	—	0	862	—	52	379	429	373	377	750
<b>Total .....</b>	<b>12,997</b>	<b>6,535</b>	<b>38,514</b>	<b>—</b>	<b>3,401</b>	<b>76,143</b>	<b>79,543</b>	<b>404</b>	<b>11,641</b>	<b>12,045</b>

See footnotes at end of table.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-October 2010**  
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil <sup>2</sup>				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina .....	79	0	—	—	—	—	1,027	2,898	0	—	3,924
Australia .....	0	0	—	—	—	—	0	3	1	—	4
Bahamas .....	—	1	—	—	—	—	0	3,341	1,035	—	4,376
Bahrain .....	—	—	—	—	—	—	—	—	—	—	—
Belgium .....	56	1	—	—	—	—	1,034	14	—	—	1,048
Belize .....	—	—	—	—	—	—	—	284	106	—	391
Brazil .....	0	3	—	—	—	—	3,924	12,022	1,058	—	17,003
Canada .....	9	1	—	—	—	—	192	2,775	1,255	—	4,222
Cayman Islands .....	—	—	—	—	—	—	—	597	253	—	851
Chile .....	786	0	—	—	—	—	4,799	7,477	—	—	12,276
China .....	811	1	—	—	—	—	0	1	0	—	1
Colombia .....	—	0	—	—	—	—	16,073	1,033	—	—	17,107
Costa Rica .....	100	0	—	—	—	—	—	5,246	1	—	5,247
Denmark .....	—	—	—	—	—	—	400	—	—	—	400
Dominican Republic .....	—	—	—	—	—	—	170	1,053	447	—	1,670
Ecuador .....	—	0	—	—	—	—	459	7,508	222	—	8,190
Egypt .....	—	0	—	—	—	—	—	218	—	—	218
El Salvador .....	—	—	—	—	—	—	55	805	578	—	1,438
Finland .....	—	0	—	—	—	—	0	—	112	—	113
France .....	—	1,604	—	—	—	—	3,231	282	—	—	3,513
Germany .....	0	1	—	—	—	—	2,397	286	0	—	2,684
Ghana .....	—	—	—	—	—	—	—	279	—	—	279
Gibraltar .....	—	—	—	—	—	—	2,994	4,476	—	—	7,470
Greece .....	—	—	—	—	—	—	—	—	—	—	—
Guatemala .....	22	—	—	—	—	—	114	3,931	996	—	5,041
Honduras .....	—	—	—	—	—	—	—	2,157	304	—	2,461
Hong Kong .....	0	0	—	—	—	—	0	—	—	—	0
India .....	1	3	—	—	—	—	0	5	—	—	5
Indonesia .....	—	0	—	—	—	—	—	—	—	—	—
Ireland .....	—	0	—	—	—	—	—	—	—	—	—
Israel .....	—	0	—	—	—	—	441	9	—	—	450
Italy .....	—	0	—	—	—	—	1,819	280	—	—	2,098
Jamaica .....	9	—	—	—	—	—	—	175	—	—	175
Japan .....	2	3,830	—	—	—	—	—	0	204	—	204
Korea, South .....	1	1	—	—	—	—	—	147	1	—	148
Lebanon .....	—	—	—	—	—	—	411	232	1,407	—	2,050
Mexico .....	3,929	829	—	—	—	—	20,087	8,216	147	—	28,450
Montenegro .....	—	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	—	—	623	—	—	—	623
Mozambique .....	—	—	—	—	—	—	—	—	—	—	—
Netherlands .....	—	0	—	—	—	—	17,562	11,453	730	—	29,745
Netherlands Antilles .....	199	—	—	—	—	—	64	1,414	—	—	1,478
New Zealand .....	—	—	—	—	—	—	0	—	1	—	1
Nicaragua .....	—	—	—	—	—	—	—	0	35	—	35
Nigeria .....	—	—	—	—	—	—	—	—	289	—	289
Norway .....	—	—	—	—	—	—	—	—	—	—	—
Pakistan .....	—	0	—	—	—	—	—	—	—	—	—
Panama .....	—	0	—	—	—	—	1,445	7,926	2,076	—	11,447
Peru .....	—	0	—	—	—	—	3,382	2,430	284	—	6,096
Philippines .....	0	0	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	—	3	—	—	—	—	—	0	0	—	0
Romania .....	—	—	—	—	—	—	—	0	—	—	0
Saudi Arabia .....	0	—	—	—	—	—	—	0	—	—	0
Serbia .....	—	—	—	—	—	—	—	—	—	—	—
Singapore .....	—	6	—	—	—	—	—	715	1,276	—	1,991
South Africa .....	—	0	—	—	—	—	0	258	250	—	508
Spain .....	—	0	—	—	—	—	539	1,155	—	—	1,694
Switzerland .....	0	0	—	—	—	—	—	—	—	—	—
Taiwan .....	0	0	—	—	—	—	0	4	—	—	4
Thailand .....	—	0	—	—	—	—	—	0	—	—	0
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—	—	—
Turkey .....	—	0	—	—	—	—	490	—	—	—	490
United Arab Emirates .....	—	0	—	—	—	—	0	0	—	—	0
United Kingdom .....	0	3	—	—	—	—	683	1,089	—	—	1,772
Venezuela .....	4,314	0	—	—	—	—	—	0	—	—	0
Other .....	174	—	—	—	—	—	1,494	3,663	1,062	—	6,217
<b>Total .....</b>	<b>10,492</b>	<b>6,287</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>85,909</b>	<b>95,857</b>	<b>14,130</b>	<b>—</b>	<b>195,897</b>

See footnotes at end of table.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-October 2010**  
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina .....	1	—	—	105	1	1	—	—
Australia .....	—	—	—	0	1	2	—	—
Bahamas .....	0	—	—	515	0	10,601	—	—
Bahrain .....	—	—	—	—	0	0	—	—
Belgium .....	—	—	—	—	5	3	—	—
Belize .....	—	—	—	58	—	0	—	—
Brazil .....	1	—	—	192	1,877	25	—	—
Canada .....	190	—	—	8,335	16	5,744	—	—
Cayman Islands .....	0	—	—	94	—	0	—	—
Chile .....	2	—	—	567	69	1,559	—	—
China .....	0	—	—	—	72	1,364	—	—
Colombia .....	0	—	—	60	1,053	150	—	—
Costa Rica .....	—	—	—	416	0	117	—	—
Denmark .....	—	—	—	—	0	633	—	—
Dominican Republic .....	1	—	—	636	29	1,028	—	—
Ecuador .....	—	—	—	10	867	3,225	—	—
Egypt .....	—	—	—	—	1	3,212	—	—
El Salvador .....	—	—	—	323	0	616	—	—
Finland .....	—	—	—	—	0	0	—	—
France .....	0	—	—	624	—	9	—	—
Germany .....	1	—	—	1	0	6	—	—
Ghana .....	—	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	—	—	4,962	—	—
Greece .....	—	—	—	49	—	0	—	—
Guatemala .....	—	—	—	394	1	934	—	—
Honduras .....	—	—	—	455	1	3,367	—	—
Hong Kong .....	—	—	—	—	0	5	—	—
India .....	0	—	—	—	7	0	—	—
Indonesia .....	—	—	—	—	1	—	—	—
Ireland .....	—	—	—	—	—	0	—	—
Israel .....	—	—	—	2,101	1	3	—	—
Italy .....	—	—	—	22	—	176	—	—
Jamaica .....	0	—	—	—	1	2,750	—	—
Japan .....	1	—	—	—	1,013	480	—	—
Korea, South .....	—	—	—	—	0	1,055	—	—
Lebanon .....	0	—	—	—	—	3,843	—	—
Mexico .....	96	—	—	974	2,194	3,823	—	—
Montenegro .....	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	0	2,840	—	—
Mozambique .....	—	—	—	—	—	0	—	—
Netherlands .....	—	—	—	713	1	8,355	—	—
Netherlands Antilles .....	0	—	—	—	0	7,152	—	—
New Zealand .....	—	—	—	—	—	1	—	—
Nicaragua .....	—	—	—	—	—	0	—	—
Nigeria .....	—	—	—	2,760	0	525	—	—
Norway .....	—	—	—	—	0	4	—	—
Pakistan .....	1	—	—	—	0	1	—	—
Panama .....	0	—	—	2,441	0	9,719	—	—
Peru .....	1	—	—	101	520	2	—	—
Philippines .....	—	—	—	—	0	0	—	—
Portugal .....	—	—	—	—	—	0	—	—
Puerto Rico .....	1	—	—	1	7	2,564	—	—
Romania .....	2	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	—	15	0	—	—
Serbia .....	—	—	—	—	—	—	—	—
Singapore .....	0	—	—	—	267	35,017	—	—
South Africa .....	0	—	—	50	—	1	—	—
Spain .....	—	—	—	—	—	0	—	—
Switzerland .....	—	—	—	—	—	0	—	—
Taiwan .....	—	—	—	—	1	2	—	—
Thailand .....	—	—	—	—	3	1	—	—
Trinidad and Tobago .....	0	—	—	—	1	2	—	—
Turkey .....	1	—	—	—	0	1	—	—
United Arab Emirates .....	—	—	—	9	1	666	—	—
United Kingdom .....	3	—	—	903	2	588	—	—
Venezuela .....	1	—	—	—	315	386	—	—
Other .....	7	—	—	622	2,137	7,707	—	—
<b>Total .....</b>	<b>310</b>	<b>—</b>	<b>—</b>	<b>23,531</b>	<b>10,480</b>	<b>125,227</b>	<b>—</b>	<b>—</b>

See footnotes at end of table.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-October 2010**  
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina .....	1	0	2	302	0	5,827	5,827	—	19	19
Australia .....	2	2,712	4	127	1	2,861	2,861	—	9	9
Bahamas .....	—	0	24	34	11	17,257	17,257	—	57	57
Bahrain .....	0	116	—	4	—	121	121	—	0	0
Belgium .....	15	3,035	7	1,091	1	5,638	5,638	—	19	19
Belize .....	0	—	—	8	—	743	743	—	2	2
Brazil .....	13	12,226	423	1,762	8	40,185	40,185	—	132	132
Canada .....	773	7,527	3,643	2,149	44	52,498	65,495	43	173	215
Cayman Islands .....	—	—	0	15	—	1,194	1,194	—	4	4
Chile .....	26	1,609	568	1,104	1	24,031	24,031	—	79	79
China .....	75	10,368	124	364	5	13,749	13,749	—	45	45
Colombia .....	2	1	5	789	3	19,208	19,208	—	63	63
Costa Rica .....	3	509	131	219	1	9,596	9,596	—	32	32
Denmark .....	1	441	0	3	0	1,479	1,479	—	5	5
Dominican Republic .....	3	1,150	418	183	2	8,893	8,893	—	29	29
Ecuador .....	0	904	2	287	0	23,485	23,485	—	77	77
Egypt .....	0	—	3	6	0	3,710	3,710	—	12	12
El Salvador .....	0	168	0	242	0	3,096	3,096	—	10	10
Finland .....	0	247	0	40	—	407	407	—	1	1
France .....	19	2,637	0	134	0	8,542	8,542	—	28	28
Germany .....	25	1,158	39	296	5	4,224	4,224	—	14	14
Ghana .....	—	—	0	4	0	284	284	—	1	1
Gibraltar .....	—	—	—	0	—	12,432	12,432	—	41	41
Greece .....	0	2,770	0	2	—	2,823	2,823	—	9	9
Guatemala .....	0	795	3	170	3	8,935	8,935	—	29	29
Honduras .....	0	552	23	104	—	11,754	11,754	—	39	39
Hong Kong .....	3	—	24	16	1	53	53	—	0	0
India .....	58	1,887	6	284	3	2,319	2,319	—	8	8
Indonesia .....	1	1	23	15	0	41	41	—	0	0
Ireland .....	0	360	—	0	9	369	369	—	1	1
Israel .....	0	1,580	—	357	0	4,494	4,494	—	15	15
Italy .....	5	8,675	6	234	0	11,370	11,370	—	37	37
Jamaica .....	—	64	2	22	2	3,053	3,053	—	10	10
Japan .....	18	18,021	8	243	25	26,864	26,864	—	88	88
Korea, South .....	3	2,299	40	66	7	4,064	4,064	—	13	13
Lebanon .....	—	1,055	—	8	—	6,957	6,957	—	23	23
Mexico .....	400	13,165	1,232	3,125	136	124,596	124,596	—	410	410
Montenegro .....	—	—	—	—	—	—	—	—	—	—
Morocco .....	0	5,358	—	0	—	8,822	8,822	—	29	29
Mozambique .....	—	779	—	0	—	779	779	—	3	3
Netherlands .....	41	2,420	230	118	16	42,626	42,626	—	140	140
Netherlands Antilles .....	0	—	—	309	0	9,747	9,747	—	32	32
New Zealand .....	0	653	181	8	—	844	844	—	3	3
Nicaragua .....	0	181	23	47	—	288	288	—	1	1
Nigeria .....	—	—	44	709	—	4,686	4,686	—	15	15
Norway .....	1	832	3	4	0	845	845	—	3	3
Pakistan .....	0	—	2	4	0	8	8	—	0	0
Panama .....	—	603	183	243	0	26,025	26,025	—	86	86
Peru .....	1	524	0	726	1	8,463	8,463	—	28	28
Philippines .....	1	0	—	11	2	36	36	—	0	0
Portugal .....	0	2,015	—	1	—	2,016	2,016	—	7	7
Puerto Rico .....	1	—	543	125	0	3,288	3,288	—	11	11
Romania .....	0	492	—	1	—	497	497	—	2	2
Saudi Arabia .....	0	35	1	48	0	102	102	—	0	0
Serbia .....	—	—	—	—	—	—	—	—	—	—
Singapore .....	0	2	2	936	0	38,223	38,223	—	126	126
South Africa .....	17	924	5	154	0	1,699	1,699	—	6	6
Spain .....	5	9,764	1	4	1	11,621	11,621	—	38	38
Switzerland .....	0	731	0	1	0	734	734	—	2	2
Taiwan .....	2	1	31	125	2	169	169	—	1	1
Thailand .....	1	4	31	52	5	97	97	—	0	0
Trinidad and Tobago .....	0	2	0	228	1	235	235	—	1	1
Turkey .....	0	8,886	0	121	—	9,539	9,539	—	31	31
United Arab Emirates .....	1	0	2	108	0	792	792	—	3	3
United Kingdom .....	4	1,747	15	134	0	5,501	5,501	—	18	18
Venezuela .....	2	450	11	154	1	5,638	5,638	—	19	19
Other .....	21	4,363	604	532	57	24,471	24,470	—	81	82
<b>Total .....</b>	<b>1,544</b>	<b>136,798</b>	<b>8,672</b>	<b>18,712</b>	<b>354</b>	<b>674,943</b>	<b>687,939</b>	<b>43</b>	<b>2,220</b>	<b>2,263</b>

— = No Data Reported.

<sup>1</sup> Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

<sup>2</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and the U.S. Census Bureau.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2010**  
(Thousand Barrels per Day)

Country of Origin	Crude Oil <sup>1</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>3,976</b>	<b>-</b>	<b>-9</b>	<b>142</b>	<b>-</b>	<b>-14</b>	<b>-14</b>	<b>-</b>	<b>54</b>	<b>54</b>
Algeria .....	259	-	13	98	-	0	0	-	-	-
Angola .....	311	-	-	12	-	-	-	-	-	-
Ecuador .....	203	-	-24	-	-	-9	-9	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	143	-	-	-	-	-	-	-	-	-
Kuwait .....	215	-	-	-	-	-	-	-	0	0
Libya .....	30	-	2	-	-	-	-	-	-	-
Nigeria .....	812	-	0	23	-	-6	-6	-	26	26
Qatar .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	1,114	-	-	-	-	-	-	-	3	3
United Arab Emirates .....	-	-	-	-	-	-	-	-	0	0
Venezuela .....	887	-	-	9	-	-	-	-	25	25
<b>Non-OPEC</b> .....	<b>4,490</b>	<b>0</b>	<b>24</b>	<b>607</b>	<b>-15</b>	<b>-168</b>	<b>-183</b>	<b>197</b>	<b>503</b>	<b>700</b>
Argentina .....	63	3	-	-	-	-9	-9	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	0	-	-	-	-	-	0	0
Bahamas .....	-	-	0	-	0	-1	-1	-	0	0
Bahrain .....	-	-	-	-	-	0	0	-	-	-
Belgium .....	-	-	-	54	-	11	11	0	8	8
Brazil .....	168	-	-18	-	-	-	-	-	0	0
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	32	-	-	-	-	-	-	-	2	2
Canada .....	1,817	-4	109	3	-15	15	1	112	20	132
Chad .....	49	-	-	-	-	-	-	-	-	-
China .....	8	-	-1	-	-	0	0	-	0	0
Colombia .....	400	-	-	-	-	-	-	-	0	0
Denmark .....	-	-	-	-	-	-	-	-	1	1
Dominican Republic .....	-	-	-8	-	-	0	0	0	-	0
Equatorial Guinea .....	43	-	11	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	1	15	16
France .....	-	-	0	-	-	-	-	-	29	29
Gabon .....	101	-	-	-	-	0	0	-	-	-
Germany .....	-	-	1	-	-	-	-	-	2	2
Guatemala .....	9	-	-	-	-	-11	-11	-	-	-
Honduras .....	-	-	-23	-	-	-9	-9	-	-	-
India .....	-	-	-	15	-	-	-	-	33	33
Indonesia .....	49	-	-	-	-	-	-	-	8	8
Italy .....	-	-	1	24	-	13	13	-	9	9
Japan .....	-	-	-	-	0	0	0	-	0	0
Korea, South .....	-	-	-	-	-	-	-	-	0	0
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	0	0
Mexico .....	1,178	-	-52	25	0	-172	-173	-	25	25
Netherlands .....	-	-	2	20	-	1	1	-	54	54
Netherlands Antilles .....	-	-	-	-	-	0	0	-	-	-
Norway .....	35	-	5	13	-	-	-	-	56	56
Oman .....	107	-	-	-	-	-	-	-	0	0
Panama .....	-	-	0	-	-	-19	-19	-	-	-
Portugal .....	-	-	-	-	-	12	12	-	4	4
Puerto Rico .....	-	-	0	-	-	0	0	-	0	0
Russia .....	182	-	-	344	-	0	0	-	49	49
Spain .....	-	-	-	-	-	-	-	-	28	28
Sweden .....	-	-	-	-	-	8	8	-	0	0
Trinidad and Tobago .....	53	-	-	11	-	-	-	0	-	0
United Kingdom .....	-	-	0	33	0	2	2	21	86	107
Vietnam .....	18	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	33	-	0	0	65	56	121
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	178	1	-3	32	0	-9	-9	-2	18	16
<b>Total</b> .....	<b>8,466</b>	<b>0</b>	<b>14</b>	<b>749</b>	<b>-15</b>	<b>-182</b>	<b>-197</b>	<b>197</b>	<b>557</b>	<b>754</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>1,473</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>3</b>	<b>3</b>

See footnotes at end of table.



**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2010**  
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil <sup>2</sup>				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-15	0	-	-	-	-	0	-22	-	-	-22
Algeria .....	-	-	-	-	-	-	0	-	-	-	0
Angola .....	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-22	-	-	-22
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	0	-	-	0
Libya .....	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	0	-	-	-	-	0	-	-	-	0
Venezuela .....	-15	-	-	-	-	-	-	0	-	-	0
<b>Non-OPEC</b> .....	-24	-13	0	1	-	0	-387	-290	-12	-	-689
Argentina .....	-2	0	-	-	-	-	-13	-	-	-	-13
Aruba .....	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	0	-	-	-	-	-	0	-	-	0
Bahamas .....	-	-	-	-	-	-	-	-1	-11	-	-12
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	0	-	-	-	-	-	-25	0	-	-	-25
Brazil .....	-	-	-	-	-	-	-	-75	-	-	-75
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	0	0	1	-	0	67	-2	3	-	67
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	0	0	-	-	-	-	-	0	0	-	0
Colombia .....	-	-	-	-	-	-	-54	-	-	-	-54
Denmark .....	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic .....	-	-	-	-	-	-	-	-7	-	-	-7
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-
France .....	-	0	-	-	-	-	-27	-	-	-	-27
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	0	0	-	-	-	-	-21	0	-	-	-21
Guatemala .....	-	-	-	-	-	-	-	-9	-	-	-9
Honduras .....	-	-	-	-	-	-	-	-5	-	-	-5
India .....	-	0	-	-	-	-	-	-	-	-	-
Indonesia .....	-	0	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-13	0	-	-	-13
Japan .....	0	-10	-	-	-	-	-	-	0	-	0
Korea, South .....	0	0	-	-	-	-	-	-	0	-	0
Latvia .....	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-15	-3	-	-	-	-	-129	-14	-2	-	-146
Netherlands .....	-	0	-	-	-	-	-167	-66	-	-	-233
Netherlands Antilles .....	-3	-	-	-	-	-	-	-2	-	-	-2
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Panama .....	-	0	-	-	-	-	-	-13	-6	-	-20
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico .....	-	0	-	-	-	-	-	-	0	-	0
Russia .....	-	-	-	-	-	-	0	-	5	-	5
Spain .....	-	-	-	-	-	-	-	-8	-	-	-8
Sweden .....	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	0	-	-	0
Vietnam .....	-	-	-	-	-	-	-	0	-	-	0
Virgin Islands, U.S. ....	-	-	-	-	-	-	50	-	17	-	66
Yemen .....	-	-	-	-	-	-	-	-	-	-	-
Other .....	-4	0	0	0	-	0	-55	-88	-18	-	-157
<b>Total</b> .....	-39	-13	0	1	-	0	-387	-312	-12	-	-711
<b>Persian Gulf<sup>3</sup></b> .....	-	0	-	-	-	-	0	0	-	-	0

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2010**  
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
<b>OPEC</b> .....	-	-	-	7	3	10	13	57
Algeria .....	-	-	-	-	-	23	9	48
Angola .....	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	0	-	-13	-	-
Iran .....	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	0	-	-
Libya .....	-	-	-	-	-	-	3	-
Nigeria .....	-	-	-	-	-	1	-	9
Qatar .....	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	3	-	-	-
United Arab Emirates .....	-	-	-	-	0	0	-	-
Venezuela .....	-	-	-	7	0	0	-	-
<b>Non-OPEC</b> .....	0	0	-	23	-34	9	31	34
Argentina .....	0	-	-	-3	-	0	-	0
Aruba .....	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	0	0	-	-
Bahamas .....	-	-	-	-1	0	-23	-	-
Bahrain .....	-	-	-	-	-	0	-	-
Belgium .....	-	-	-	-	0	-	-	-
Brazil .....	-	-	-	-1	0	0	-	-
Brunei .....	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-
Canada .....	1	0	-	-21	3	45	4	8
Chad .....	-	-	-	-	-	21	-	-
China .....	-	-	-	-	0	0	-	-
Colombia .....	0	-	-	-2	-6	17	-	-
Denmark .....	-	-	-	-	-	-9	-	-
Dominican Republic .....	-	-	-	-1	0	-4	-	-
Equatorial Guinea .....	-	-	-	-	-	0	-	-
Estonia .....	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	0	-	-
France .....	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	0	-
Germany .....	0	-	-	-	-	0	-	9
Guatemala .....	-	-	-	-1	0	-1	-	-
Honduras .....	-	-	-	-2	0	-9	-	-
India .....	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	0	-	-
Japan .....	-	-	-	29	-9	0	2	-
Korea, South .....	-	-	-	37	4	-3	2	-
Latvia .....	0	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	0	0	-	-
Mexico .....	0	-	-	-2	-12	84	9	-
Netherlands .....	-	-	-	-2	0	-13	1	-
Netherlands Antilles .....	-	-	-	-	-	-23	-	-
Norway .....	-	-	-	-	0	-	3	-
Oman .....	-	-	-	-	0	0	-	-
Panama .....	-	-	-	-7	0	-53	-	-
Portugal .....	-	-	-	-	-	0	-	-
Puerto Rico .....	-	-	-	0	0	-15	-	-
Russia .....	-	-	-	-	-	59	-	16
Spain .....	-	-	-	-	-	0	-	-
Sweden .....	-	-	-	-	-	0	-	-
Trinidad and Tobago .....	-	-	-	-	0	18	-	-
United Kingdom .....	0	-	-	-10	0	10	-	-
Vietnam .....	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	16	-9	26	-	-
Yemen .....	-	-	-	-	-	-	-	-
Other .....	-1	0	-	-6	-5	-118	10	1
<b>Total</b> .....	0	0	-	30	-31	19	44	91
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	3	0	-	-

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2010**  
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
<b>OPEC</b> .....	<b>0</b>	<b>-4</b>	<b>0</b>	<b>-3</b>	<b>-</b>	<b>218</b>	<b>4,194</b>
Algeria .....	-	-	-	0	-	192	451
Angola .....	0	-	-	0	-	12	324
Ecuador .....	0	-5	0	-3	-	-76	127
Iran .....	-	-	-	-	-	-	-
Iraq .....	-	-	-	0	-	0	143
Kuwait .....	-	-	-	0	-	0	215
Libya .....	-	-	-	0	-	5	36
Nigeria .....	-	-	-	0	-	52	865
Qatar .....	-	-	-	0	-	0	0
Saudi Arabia .....	-	-	-	0	-	6	1,120
United Arab Emirates .....	0	0	0	-1	-	-1	-1
Venezuela .....	0	1	0	1	-	28	915
<b>Non-OPEC</b> .....	<b>-1</b>	<b>-440</b>	<b>-17</b>	<b>-25</b>	<b>-1</b>	<b>8</b>	<b>4,498</b>
Argentina .....	0	-	0	0	0	-24	39
Aruba .....	-	-	0	0	-	0	0
Australia .....	0	-10	0	0	0	-10	-10
Bahamas .....	-	-	0	0	0	-37	-37
Bahrain .....	-	-	-	0	-	0	0
Belgium .....	0	-22	0	-4	0	21	21
Brazil .....	0	-33	-1	-6	0	-135	33
Brunei .....	-	-	-	-	-	-	-
Cameroon .....	-	-	0	0	-	2	34
Canada .....	-1	-17	6	1	0	340	2,157
Chad .....	-	-	-	0	-	21	70
China .....	0	-37	-1	0	0	-40	-32
Colombia .....	0	-	0	-1	0	-47	353
Denmark .....	0	-5	-	0	0	-13	-13
Dominican Republic .....	0	-	-1	0	0	-21	-21
Equatorial Guinea .....	-	-	-	0	-	11	54
Estonia .....	-	-	-	0	-	0	0
Finland .....	-	-	-	0	-	16	16
France .....	0	-11	-	0	-	-9	-9
Gabon .....	-	-	0	0	-	0	102
Germany .....	0	0	0	-1	0	-9	-9
Guatemala .....	0	-5	0	-1	0	-28	-19
Honduras .....	0	-	-	0	-	-48	-48
India .....	0	-16	0	-4	0	29	29
Indonesia .....	0	-	0	4	-	12	61
Italy .....	0	-16	0	0	0	17	17
Japan .....	0	-71	0	-1	0	-59	-59
Korea, South .....	0	-6	-	16	0	50	50
Latvia .....	-	-	-	0	-	0	0
Lithuania .....	-	-	-	-	-	-	-
Malaysia .....	1	-	0	0	0	1	1
Mexico .....	-1	-57	-6	-10	0	-336	842
Netherlands .....	0	-13	-7	2	0	-185	-185
Netherlands Antilles .....	-	-	-	0	-	-28	-28
Norway .....	0	-2	0	0	-	74	109
Oman .....	-	-	-	0	-	0	107
Panama .....	-	-6	-1	0	-	-106	-106
Portugal .....	-	-8	-	0	-	9	9
Puerto Rico .....	0	-	0	0	-	-16	-16
Russia .....	-	-	0	0	-	473	654
Spain .....	0	-20	-	0	-	0	0
Sweden .....	0	0	-	0	0	8	8
Trinidad and Tobago .....	-	-	-	-1	0	28	82
United Kingdom .....	0	-15	0	0	0	127	127
Vietnam .....	0	-	0	0	-	0	18
Virgin Islands, U.S. ....	-	6	0	0	-	261	261
Yemen .....	-	-	-	0	-	0	0
Other .....	0	-76	-6	-19	-1	-341	-164
<b>Total</b> .....	<b>-1</b>	<b>-444</b>	<b>-17</b>	<b>-28</b>	<b>-1</b>	<b>226</b>	<b>8,692</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>0</b>	<b>0</b>	<b>0</b>	<b>-1</b>	<b>-</b>	<b>5</b>	<b>1,478</b>

- = No Data Reported.

<sup>1</sup> Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

<sup>2</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and the U.S. Census Bureau.

**Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-October 2010**  
(Thousand Barrels per Day)

Country of Origin	Crude Oil <sup>1</sup>	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>4,604</b>	<b>8</b>	<b>5</b>	<b>108</b>	<b>0</b>	<b>-15</b>	<b>-15</b>	<b>1</b>	<b>66</b>	<b>67</b>
Algeria .....	326	2	17	70	-	0	0	-	5	5
Angola .....	399	-	-	7	-	-	-	-	-	-
Ecuador .....	196	-	-14	-	-	-18	-18	-	1	1
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	429	-	-	-	-	-	-	-	0	0
Kuwait .....	205	-	-	-	-	-	-	-	0	0
Libya .....	46	-	1	5	-	-	-	-	-	-
Nigeria .....	1,000	1	0	10	0	-1	-1	0	23	23
Qatar .....	-	-	-	-	-	-	-	-	0	0
Saudi Arabia .....	1,077	-	0	2	-	2	2	-	3	3
United Arab Emirates .....	2	-	0	-	0	0	0	-	0	0
Venezuela .....	924	5	0	14	-	1	1	1	35	36
<b>Non-OPEC</b> .....	<b>4,625</b>	<b>-18</b>	<b>9</b>	<b>501</b>	<b>-11</b>	<b>-96</b>	<b>-107</b>	<b>193</b>	<b>483</b>	<b>676</b>
Argentina .....	23	1	0	-	-	-5	-5	-	2	2
Aruba .....	-	-	-	-	-	0	0	0	0	0
Australia .....	12	-	0	-	0	0	0	-	0	0
Bahamas .....	-	-	0	-	0	-1	-1	0	0	0
Bahrain .....	-	-	-	-	-	0	0	-	0	0
Belgium .....	-	-	-1	51	-	3	3	0	14	15
Brazil .....	258	0	-15	1	-	-6	-6	-	0	0
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	49	-	-	3	-	-	-	-	0	0
Canada .....	1,919	-21	89	15	-11	26	15	105	21	126
Chad .....	17	-	-	-	-	-	-	-	-	-
China .....	4	-	-2	-	0	0	0	0	0	0
Colombia .....	336	-	0	4	0	1	1	1	0	1
Denmark .....	-	-	0	1	-	-	-	-	0	0
Dominican Republic .....	-	-	-11	-	-	-1	-1	0	0	0
Equatorial Guinea .....	59	-	5	-	-	-	-	-	-	-
Estonia .....	-	-	-	6	-	-	-	-	0	0
Finland .....	-	-	0	0	0	0	0	0	6	7
France .....	-	-	0	1	-	0	0	0	27	28
Gabon .....	51	-	-	-	-	0	0	-	0	0
Germany .....	-	-	0	3	-	0	0	1	2	3
Guatemala .....	13	-	0	-	-	-5	-5	0	0	0
Honduras .....	-	-	-10	-	0	-6	-6	-	0	0
India .....	-	-	0	5	0	9	9	2	37	39
Indonesia .....	32	-	0	-	-	-	-	-	1	1
Italy .....	-	-	1	10	-	10	10	0	14	15
Japan .....	-	-	-10	0	0	1	1	0	1	1
Korea, South .....	-	-	-1	-	0	6	6	1	6	7
Latvia .....	-	-	-	-	-	0	0	-	3	3
Lithuania .....	-	-	0	1	-	3	3	0	6	6
Malaysia .....	3	-	0	2	-	-	-	0	1	1
Mexico .....	1,123	-	-33	25	0	-157	-157	0	-2	-3
Netherlands .....	-	-	0	22	-	19	19	7	55	62
Netherlands Antilles .....	-	-	-	-	-	-1	-1	-	2	2
Norway .....	30	2	6	13	-	3	3	-	39	39
Oman .....	11	-	-	-	-	-	-	-	0	0
Panama .....	-	-	0	-	-	-5	-5	-	0	0
Portugal .....	-	-	0	0	-	6	6	1	9	10
Puerto Rico .....	-	-	0	-	-	0	0	0	0	0
Russia .....	278	-	-	224	0	1	1	1	28	29
Spain .....	-	-	0	1	-	12	12	0	28	28
Sweden .....	-	-	-3	3	-	5	5	0	7	7
Trinidad and Tobago .....	49	-	1	8	-	0	0	0	4	4
United Kingdom .....	124	0	-1	16	0	10	10	21	88	108
Vietnam .....	14	-	-	-	-	-	-	-	0	0
Virgin Islands, U.S. ....	-	-	0	39	-	0	0	51	65	115
Yemen .....	-	-	-	-	-	0	0	-	-	-
Other .....	220	0	-6	47	0	-24	-24	2	19	20
<b>Total</b> .....	<b>9,229</b>	<b>-11</b>	<b>14</b>	<b>609</b>	<b>-11</b>	<b>-111</b>	<b>-122</b>	<b>193</b>	<b>550</b>	<b>743</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>1,713</b>	<b>-</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>2</b>	<b>2</b>

See footnotes at end of table.

**Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-October 2010**  
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil <sup>2</sup>				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	-14	0	-	-	-	-	1	-25	-2	1	-24
Algeria .....	-	-	-	-	-	-	1	-	-	-	1
Angola .....	-	-	-	-	-	-	-	0	-	-	0
Ecuador .....	-	0	-	-	-	-	-2	-25	-1	-	-27
Iran .....	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	0	-	-	0
Libya .....	-	0	-	-	-	-	-	0	-	1	1
Nigeria .....	-	-	-	-	-	-	-	-	-1	-	-1
Qatar .....	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	0	-	-	-	-	-	-	0	-	-	0
United Arab Emirates .....	-	0	-	-	-	-	0	0	-	1	1
Venezuela .....	-14	0	-	-	-	-	2	0	0	-	2
<b>Non-OPEC</b> .....	-20	-21	1	0	-	0	-158	-259	19	6	-393
Argentina .....	0	0	-	-	-	-	-3	-10	0	-	-13
Aruba .....	-	-	-	-	-	-	-2	-	-	-	-2
Australia .....	0	0	-	-	-	-	0	0	0	-	0
Bahamas .....	-	0	-	-	-	-	0	-11	-3	-	-14
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	0	0	-	-	-	-	-3	0	2	-	-1
Brazil .....	0	0	-	-	-	-	-13	-40	-2	-	-54
Brunei .....	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-
Canada .....	0	0	1	0	-	0	88	5	22	1	116
Chad .....	-	-	-	-	-	-	-	-	-	-	-
China .....	-3	0	-	-	-	-	0	2	0	-	2
Colombia .....	-	0	-	-	-	-	-53	-3	0	-	-56
Denmark .....	-	-	-	-	-	-	-1	-	-	-	-1
Dominican Republic .....	-	-	-	-	-	-	-1	-3	-1	-	-5
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	0	-	-	-	-	0	-	0	-	0
France .....	-	-5	-	-	-	-	-11	-1	-	-	-12
Gabon .....	-	-	-	-	-	-	-	-	-	-	-
Germany .....	0	0	-	-	-	-	-8	-1	0	-	-9
Guatemala .....	0	-	-	-	-	-	0	-13	-3	-	-17
Honduras .....	-	-	-	-	-	-	-	-7	-1	-	-8
India .....	0	0	-	-	-	-	0	0	2	-	2
Indonesia .....	-	0	-	-	-	-	-	-	-	-	-
Italy .....	-	0	-	-	-	-	-6	-1	-	-	-7
Japan .....	0	-13	-	-	-	-	3	0	-1	-	2
Korea, South .....	0	0	-	-	-	-	0	1	0	-	1
Latvia .....	-	-	-	-	-	-	0	2	1	-	3
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	0	-	-	-	-	-	0	-1	-	-1
Mexico .....	-13	-3	-	-	-	-	-66	-27	0	-	-94
Netherlands .....	-	0	-	-	-	-	-58	-38	0	-	-96
Netherlands Antilles .....	-1	-	-	-	-	-	0	-5	-	-	-5
Norway .....	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-
Panama .....	-	0	-	-	-	-	-5	-26	-7	-	-38
Portugal .....	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico .....	-	0	-	-	-	-	-	0	0	-	0
Russia .....	-	-	-	-	-	-	0	11	3	3	17
Spain .....	-	0	-	-	-	-	-2	-4	-	-	-6
Sweden .....	-	-	-	-	-	-	-	0	-	-	0
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	0	0	-	-	-	-	-2	-4	1	-	-5
Vietnam .....	-	-	-	-	-	-	-	0	-	-	0
Virgin Islands, U.S. ....	-	-	-	-	-	-	32	-	25	1	57
Yemen .....	-	0	-	-	-	-	-	-	-	-	-
Other .....	-3	0	0	0	-	0	-47	-86	-18	1	-149
<b>Total</b> .....	-35	-21	1	0	-	0	-157	-283	17	7	-416
<b>Persian Gulf<sup>3</sup></b> .....	0	0	-	-	-	-	0	0	-	1	1

See footnotes at end of table.

**Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-October 2010**  
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
<b>OPEC</b> .....	<b>0</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>-1</b>	<b>28</b>	<b>9</b>	<b>64</b>
Algeria .....	-	-	-	0	-	33	3	44
Angola .....	-	-	-	-	-	3	-	-
Ecuador .....	-	-	-	0	-3	-10	-	-
Iran .....	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	0	0	-	-
Kuwait .....	-	-	-	1	-	0	-	-
Libya .....	-	-	-	-	0	4	1	16
Nigeria .....	-	-	-	-9	0	-1	1	2
Qatar .....	-	-	-	-	-	0	-	-
Saudi Arabia .....	-	-	-	-	3	1	2	1
United Arab Emirates .....	-	-	-	0	0	-2	-	-
Venezuela .....	0	-	-	11	-1	0	2	0
<b>Non-OPEC</b> .....	<b>1</b>	<b>0</b>	<b>-</b>	<b>10</b>	<b>-22</b>	<b>-58</b>	<b>40</b>	<b>28</b>
Argentina .....	0	-	-	0	0	1	0	0
Aruba .....	-	-	-	-	-	-4	-	-
Australia .....	-	-	-	0	0	0	-	-
Bahamas .....	0	-	-	-2	0	-23	-	-
Bahrain .....	-	-	-	-	0	0	-	-
Belgium .....	-	-	-	-	0	1	0	-
Brazil .....	0	-	-	0	-6	12	0	-
Brunei .....	-	-	-	-	0	-	-	-
Cameroon .....	-	-	-	-	-	1	-	-
Canada .....	0	0	-	-18	2	57	6	3
Chad .....	-	-	-	-	-	16	-	-
China .....	0	-	-	1	0	-4	-	-
Colombia .....	0	-	-	0	-3	23	-	-
Denmark .....	-	-	-	-	0	-2	-	-
Dominican Republic .....	0	-	-	-2	0	-3	-	-
Equatorial Guinea .....	-	-	-	1	-	0	0	-
Estonia .....	-	-	-	-	-	3	-	-
Finland .....	-	-	-	-	0	0	-	-
France .....	0	-	-	-2	-	1	0	1
Gabon .....	-	-	-	-	-	-	0	-
Germany .....	0	-	-	0	0	0	0	1
Guatemala .....	-	-	-	-1	0	-3	-	-
Honduras .....	-	-	-	-1	0	-11	-	-
India .....	0	-	-	-	0	1	-	-
Indonesia .....	-	-	-	1	0	0	-	-
Italy .....	-	-	-	1	0	-1	0	-
Japan .....	0	-	-	6	-3	-2	1	-
Korea, South .....	-	-	-	28	4	-3	4	-
Latvia .....	0	-	-	-	-	0	-	-
Lithuania .....	-	-	-	-	-	0	-	-
Malaysia .....	-	-	-	1	0	-2	-	-
Mexico .....	0	-	-	-1	-7	56	17	-
Netherlands .....	-	-	-	-2	1	-23	0	-
Netherlands Antilles .....	0	-	-	1	0	-24	-	-
Norway .....	-	-	-	-	0	0	2	2
Oman .....	-	-	-	-	0	0	-	-
Panama .....	0	-	-	-8	0	-32	-	-
Portugal .....	-	-	-	-	-	0	0	-
Puerto Rico .....	0	-	-	0	0	-8	-	-
Russia .....	-	-	-	0	0	54	1	22
Spain .....	-	-	-	-	-	1	0	-
Sweden .....	-	-	-	-	0	4	0	-
Trinidad and Tobago .....	0	-	-	0	0	17	-	-
United Kingdom .....	0	-	-	-2	0	1	1	-
Vietnam .....	-	-	-	-	-	0	-	-
Virgin Islands, U.S. ....	0	-	-	21	-7	23	-	-
Yemen .....	-	-	-	-	-	-	-	-
Other .....	1	0	-	-12	-3	-185	8	-1
<b>Total</b> .....	<b>1</b>	<b>0</b>	<b>-</b>	<b>13</b>	<b>-23</b>	<b>-31</b>	<b>49</b>	<b>92</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>3</b>	<b>-2</b>	<b>2</b>	<b>1</b>

See footnotes at end of table.

**Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-October 2010**  
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
<b>OPEC</b> .....	<b>0</b>	<b>-4</b>	<b>0</b>	<b>-4</b>	<b>0</b>	<b>230</b>	<b>4,834</b>
Algeria .....	—	0	0	0	—	177	503
Angola .....	0	—	0	0	—	10	409
Ecuador .....	0	-3	0	-1	0	-75	121
Iran .....	—	—	—	—	—	—	—
Iraq .....	0	—	—	0	—	0	429
Kuwait .....	0	1	0	0	0	2	206
Libya .....	—	—	0	0	—	29	76
Nigeria .....	—	—	0	-2	—	22	1,022
Qatar .....	0	-1	0	0	—	-1	-1
Saudi Arabia .....	0	0	0	0	0	13	1,090
United Arab Emirates .....	0	0	0	0	0	-2	0
Venezuela .....	0	0	0	0	0	56	980
<b>Non-OPEC</b> .....	<b>0</b>	<b>-431</b>	<b>-8</b>	<b>-31</b>	<b>-1</b>	<b>162</b>	<b>4,787</b>
Argentina .....	0	1	0	-1	0	-14	9
Aruba .....	—	—	0	0	—	-7	-7
Australia .....	0	-9	0	0	0	-9	3
Bahamas .....	—	0	0	0	0	-40	-40
Bahrain .....	0	0	—	0	—	0	0
Belgium .....	0	-10	0	-3	0	54	54
Brazil .....	0	-40	-1	-6	0	-115	143
Brunei .....	—	—	—	0	—	0	0
Cameroon .....	—	—	0	0	—	3	52
Canada .....	-2	-22	9	2	0	381	2,301
Chad .....	—	—	—	0	—	16	34
China .....	2	-34	0	-1	0	-40	-36
Colombia .....	0	0	0	-2	0	-33	303
Denmark .....	0	-1	0	0	0	-3	-3
Dominican Republic .....	0	-4	-1	-1	0	-29	-29
Equatorial Guinea .....	0	—	0	0	—	6	65
Estonia .....	0	—	—	0	—	9	9
Finland .....	0	-1	0	0	—	6	6
France .....	0	-9	0	0	0	2	2
Gabon .....	—	0	0	0	—	0	51
Germany .....	0	-4	0	-1	0	-6	-6
Guatemala .....	0	-3	0	-1	0	-29	-16
Honduras .....	0	-2	0	0	—	-39	-39
India .....	0	-6	0	-1	0	48	48
Indonesia .....	0	0	0	2	0	4	36
Italy .....	0	-29	0	0	0	1	1
Japan .....	0	-59	0	-1	0	-76	-76
Korea, South .....	0	-8	0	10	0	47	47
Latvia .....	0	—	—	0	0	6	6
Lithuania .....	0	—	—	0	—	9	9
Malaysia .....	0	—	—	0	0	1	4
Mexico .....	-1	-43	-4	-10	0	-270	853
Netherlands .....	0	-8	-1	2	0	-24	-24
Netherlands Antilles .....	0	—	—	-1	0	-29	-29
Norway .....	0	-3	0	0	0	64	94
Oman .....	—	0	—	0	—	0	11
Panama .....	—	-2	-1	-1	0	-86	-86
Portugal .....	0	-7	—	0	—	11	11
Puerto Rico .....	0	—	-2	0	0	-11	-11
Russia .....	0	0	0	0	—	348	626
Spain .....	0	-31	0	0	0	4	4
Sweden .....	0	0	0	0	0	16	16
Trinidad and Tobago .....	0	0	0	-1	0	30	79
United Kingdom .....	0	-6	0	0	0	123	247
Vietnam .....	0	0	0	0	—	0	14
Virgin Islands, U.S. ....	0	8	0	0	0	256	256
Yemen .....	—	—	—	0	—	0	0
Other .....	1	-99	-7	-16	-1	-423	-205
<b>Total</b> .....	<b>0</b>	<b>-435</b>	<b>-8</b>	<b>-35</b>	<b>-1</b>	<b>392</b>	<b>9,621</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>0</b>	<b>-1</b>	<b>0</b>	<b>-1</b>	<b>0</b>	<b>11</b>	<b>1,723</b>

— = No Data Reported.

<sup>1</sup> Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

<sup>2</sup> Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and the U.S. Census Bureau.

**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, October 2010**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Crude Oil</b> .....	<b>11,054</b>	<b>90,951</b>	<b>917,207</b>	<b>16,330</b>	<b>56,811</b>	<b>1,092,353</b>
Refinery .....	9,927	12,245	47,743	1,847	24,166	95,928
Tank Farms and Pipelines (Includes Cushing, OK) ....	981	76,791	127,699	12,627	27,832	245,930
Cushing, Oklahoma .....	—	33,444	—	—	—	33,444
Leases .....	146	1,915	15,215	1,856	538	19,670
Strategic Petroleum Reserve <sup>1</sup> .....	—	—	726,550	—	—	726,550
Alaskan In Transit .....	—	—	—	—	4,275	4,275
<b>Total Stocks, All Oils (excluding Crude Oil)<sup>2</sup></b> .....	<b>177,221</b>	<b>170,960</b>	<b>300,474</b>	<b>16,932</b>	<b>87,627</b>	<b>753,214</b>
Refinery .....	23,897	48,237	117,389	10,417	49,848	249,788
Bulk Terminal .....	124,553	89,968	129,063	3,877	32,519	379,980
Pipeline .....	28,664	31,598	47,764	2,485	4,655	115,166
Natural Gas Processing Plant .....	107	1,157	6,258	153	605	8,280
<b>Pentanes Plus</b> .....	<b>30</b>	<b>3,824</b>	<b>8,120</b>	<b>145</b>	<b>71</b>	<b>12,190</b>
Refinery .....	—	494	770	11	—	1,275
Bulk Terminal .....	5	2,042	5,463	2	36	7,548
Pipeline .....	—	1,114	1,038	87	—	2,239
Natural Gas Processing Plant .....	25	174	849	45	35	1,128
<b>Liquefied Petroleum Gases</b> .....	<b>7,276</b>	<b>48,465</b>	<b>74,193</b>	<b>1,279</b>	<b>7,812</b>	<b>139,025</b>
Refinery .....	1,730	5,424	8,855	413	2,266	18,688
Bulk Terminal .....	4,963	35,359	51,313	16	4,976	96,627
Pipeline .....	501	6,699	8,616	742	—	16,558
Natural Gas Processing Plant .....	82	983	5,409	108	570	7,152
<b>Ethane/Ethylene</b> .....	<b>—</b>	<b>4,538</b>	<b>18,238</b>	<b>407</b>	<b>—</b>	<b>23,183</b>
Refinery .....	—	—	251	—	—	251
Bulk Terminal .....	—	2,576	13,330	—	—	15,906
Ethylene .....	—	—	1,306	—	—	1,306
Pipeline .....	—	1,762	3,716	405	—	5,883
Natural Gas Processing Plant .....	—	200	941	2	—	1,143
<b>Propane/Propylene</b> .....	<b>4,821</b>	<b>26,506</b>	<b>27,761</b>	<b>387</b>	<b>2,194</b>	<b>61,669</b>
Refinery .....	323	2,593	2,462	99	157	5,634
Bulk Terminal .....	3,934	19,788	19,592	15	1,900	45,289
Nonfuel Use .....	—	—	1,844	—	—	1,844
Pipeline .....	495	3,746	3,874	207	—	8,322
Natural Gas Processing Plant .....	69	379	1,833	66	77	2,424
<b>Normal Butane/Butylene</b> .....	<b>2,176</b>	<b>15,196</b>	<b>22,393</b>	<b>325</b>	<b>5,024</b>	<b>45,114</b>
Refinery .....	1,134	2,291	5,038	208	1,636	10,307
Bulk Terminal .....	1,029	11,878	14,862	1	2,970	30,740
Refinery Grade Butane .....	—	6,586	1,721	—	—	8,307
Pipeline .....	6	821	698	82	—	1,607
Natural Gas Processing Plant .....	7	206	1,795	34	418	2,460
<b>Isobutane/Isobutylene</b> .....	<b>279</b>	<b>2,225</b>	<b>5,801</b>	<b>160</b>	<b>594</b>	<b>9,059</b>
Refinery .....	273	540	1,104	106	473	2,496
Bulk Terminal .....	—	1,117	3,529	—	46	4,692
Pipeline .....	—	370	328	48	—	746
Natural Gas Processing Plant .....	6	198	840	6	75	1,125
<b>Other Hydrocarbons</b> .....	<b>—</b>	<b>31</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>31</b>
Refinery .....	—	31	—	—	—	31
<b>Oxygenates (excluding Fuel Ethanol)</b> .....	<b>—</b>	<b>—</b>	<b>741</b>	<b>—</b>	<b>—</b>	<b>741</b>
Refinery .....	—	—	79	—	—	79
Bulk Terminal .....	—	—	662	—	—	662
Pipeline .....	—	—	—	—	—	—
<b>MTBE</b> .....	<b>—</b>	<b>—</b>	<b>644</b>	<b>—</b>	<b>—</b>	<b>644</b>
Refinery .....	—	—	79	—	—	79
Bulk Terminal <sup>3</sup> .....	—	—	565	—	—	565
Pipeline .....	—	—	—	—	—	—
<b>Other Oxygenates<sup>4</sup></b> .....	<b>—</b>	<b>—</b>	<b>97</b>	<b>—</b>	<b>—</b>	<b>97</b>
Refinery .....	—	—	—	—	—	—
Bulk Terminal .....	—	—	97	—	—	97
Pipeline .....	—	—	—	—	—	—
<b>Renewable Fuels (including Fuel Ethanol)</b> .....	<b>6,365</b>	<b>6,499</b>	<b>2,754</b>	<b>200</b>	<b>2,127</b>	<b>17,945</b>
Refinery .....	109	66	126	61	41	403
Bulk Terminal .....	6,200	6,430	2,602	139	2,086	17,457
Pipeline .....	56	3	26	—	—	85
<b>Fuel Ethanol</b> .....	<b>6,072</b>	<b>6,429</b>	<b>2,591</b>	<b>200</b>	<b>2,003</b>	<b>17,295</b>
Refinery .....	107	61	126	61	41	396
Bulk Terminal .....	5,965	6,368	2,464	139	1,962	16,898
Pipeline .....	—	—	1	—	—	1
<b>Renewable Diesel Fuel</b> .....	<b>293</b>	<b>70</b>	<b>163</b>	<b>—</b>	<b>124</b>	<b>650</b>
Refinery .....	2	5	—	—	—	7
Bulk Terminal .....	235	62	138	—	124	559
Pipeline .....	56	3	25	—	—	84
<b>Other Renewable Fuels</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Refinery .....	—	—	—	—	—	—
Bulk Terminal .....	—	—	—	—	—	—
Pipeline .....	—	—	—	—	—	—

See footnotes at end of table.



**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, October 2010**  
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Unfinished Oils</b> .....	<b>6,383</b>	<b>14,016</b>	<b>42,584</b>	<b>3,520</b>	<b>19,791</b>	<b>86,294</b>
<b>Naphthas and Lighter</b> .....	<b>853</b>	<b>3,318</b>	<b>10,868</b>	<b>939</b>	<b>4,814</b>	<b>20,792</b>
Refinery .....	853	3,243	10,289	939	4,706	20,030
Bulk Terminal .....	—	75	579	—	108	762
<b>Kerosene and Light Gas Oils</b> .....	<b>520</b>	<b>2,678</b>	<b>8,745</b>	<b>697</b>	<b>3,172</b>	<b>15,812</b>
Refinery .....	223	2,579	8,668	697	3,166	15,333
Bulk Terminal .....	297	99	77	—	6	479
<b>Heavy Gas Oils</b> .....	<b>3,496</b>	<b>5,821</b>	<b>17,372</b>	<b>1,244</b>	<b>9,432</b>	<b>37,365</b>
Refinery .....	3,024	5,531	15,775	1,244	9,432	35,006
Bulk Terminal .....	472	290	1,597	—	—	2,359
<b>Residuum</b> .....	<b>1,514</b>	<b>2,199</b>	<b>5,599</b>	<b>640</b>	<b>2,373</b>	<b>12,325</b>
Refinery .....	1,514	2,188	5,599	640	2,373	12,314
Bulk Terminal .....	—	11	—	—	—	11
<b>Motor Gasoline Blending Components</b> .....	<b>44,104</b>	<b>25,989</b>	<b>48,584</b>	<b>2,087</b>	<b>23,462</b>	<b>144,226</b>
Refinery .....	6,570	9,588	22,569	1,670	12,406	52,803
Bulk Terminal .....	28,775	11,295	13,393	262	9,294	63,019
Pipeline .....	8,759	5,106	12,622	155	1,762	28,404
<b>Reformulated - RBOB</b> .....	<b>17,329</b>	<b>5,897</b>	<b>12,634</b>	<b>4</b>	<b>11,894</b>	<b>47,758</b>
Refinery .....	2,494	1,028	2,256	—	4,463	10,241
Bulk Terminal .....	10,485	3,589	5,146	4	6,128	25,352
Pipeline .....	4,350	1,280	5,232	—	1,303	12,165
<b>Conventional</b> .....	<b>26,775</b>	<b>20,092</b>	<b>35,950</b>	<b>2,083</b>	<b>11,568</b>	<b>96,468</b>
Refinery .....	4,076	8,560	20,313	1,670	7,943	42,562
Bulk Terminal .....	18,290	7,706	8,247	258	3,166	37,667
Pipeline .....	4,409	3,826	7,390	155	459	16,239
<b>CBOB</b> .....	<b>18,213</b>	<b>12,365</b>	<b>16,386</b>	<b>643</b>	<b>3,682</b>	<b>51,289</b>
Refinery .....	598	2,794	6,640	245	647	10,924
Bulk Terminal .....	13,827	6,933	3,404	258	2,610	27,032
Pipeline .....	3,788	2,638	6,342	140	425	13,333
<b>GTAB</b> .....	<b>604</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>604</b>
Refinery .....	—	—	—	—	—	—
Bulk Terminal .....	604	—	—	—	—	604
Pipeline .....	—	—	—	—	—	—
<b>Other</b> .....	<b>7,958</b>	<b>7,727</b>	<b>19,564</b>	<b>1,440</b>	<b>7,886</b>	<b>44,575</b>
Refinery .....	3,478	5,766	13,673	1,425	7,296	31,638
Bulk Terminal .....	3,859	773	4,843	—	556	10,031
Pipeline .....	621	1,188	1,048	15	34	2,906
<b>Aviation Gasoline Blending Components</b> .....	<b>—</b>	<b>—</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>4</b>
Refinery .....	—	—	4	—	—	4
Bulk Terminal .....	—	—	—	—	—	—
<b>Finished Motor Gasoline</b> .....	<b>8,276</b>	<b>24,690</b>	<b>23,886</b>	<b>4,357</b>	<b>4,351</b>	<b>65,560</b>
Refinery .....	437	3,838	6,601	1,774	1,766	14,416
Bulk Terminal .....	3,838	12,320	8,462	1,788	2,284	28,692
Pipeline .....	4,001	8,532	8,823	795	301	22,452
<b>Reformulated</b> .....	<b>217</b>	<b>—</b>	<b>134</b>	<b>—</b>	<b>81</b>	<b>432</b>
Refinery .....	—	—	134	—	81	215
Bulk Terminal .....	217	—	—	—	—	217
Pipeline .....	—	—	—	—	—	—
<b>Reformulated (Blended with Fuel Ethanol)</b> .....	<b>187</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>17</b>	<b>204</b>
Refinery .....	—	—	—	—	17	17
Bulk Terminal .....	187	—	—	—	—	187
Pipeline .....	—	—	—	—	—	—
<b>Reformulated (Other)</b> .....	<b>30</b>	<b>—</b>	<b>134</b>	<b>—</b>	<b>64</b>	<b>228</b>
Refinery .....	—	—	134	—	64	198
Bulk Terminal .....	30	—	—	—	—	30
Pipeline .....	—	—	—	—	—	—
<b>Conventional</b> .....	<b>8,059</b>	<b>24,690</b>	<b>23,752</b>	<b>4,357</b>	<b>4,270</b>	<b>65,128</b>
Refinery .....	437	3,838	6,467	1,774	1,685	14,201
Bulk Terminal .....	3,621	12,320	8,462	1,788	2,284	28,475
Pipeline .....	4,001	8,532	8,823	795	301	22,452
<b>Conventional (Blended with Fuel Ethanol)</b> .....	<b>47</b>	<b>122</b>	<b>35</b>	<b>45</b>	<b>—</b>	<b>249</b>
Refinery .....	—	—	—	45	—	45
Bulk Terminal .....	47	122	35	—	—	204
Pipeline .....	—	—	—	—	—	—
<b>Ed55 and Lower</b> .....	<b>47</b>	<b>122</b>	<b>35</b>	<b>45</b>	<b>—</b>	<b>249</b>
Refinery .....	—	—	—	45	—	45
Bulk Terminal .....	47	122	35	—	—	204
Pipeline .....	—	—	—	—	—	—
<b>Greater than Ed55</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Refinery .....	—	—	—	—	—	—
Bulk Terminal .....	—	—	—	—	—	—
Pipeline .....	—	—	—	—	—	—
<b>Conventional (Other)</b> .....	<b>8,012</b>	<b>24,568</b>	<b>23,717</b>	<b>4,312</b>	<b>4,270</b>	<b>64,879</b>
Refinery .....	437	3,838	6,467	1,729	1,685	14,156
Bulk Terminal .....	3,574	12,198	8,427	1,788	2,284	28,271
Pipeline .....	4,001	8,532	8,823	795	301	22,452

See footnotes at end of table.

**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, October 2010**  
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Finished Aviation Gasoline</b> .....	<b>129</b>	<b>142</b>	<b>472</b>	<b>22</b>	<b>295</b>	<b>1,060</b>
Refinery .....	—	66	396	22	164	648
Bulk Terminal .....	129	76	76	—	131	412
Pipeline .....	—	—	—	—	—	—
<b>Kerosene-Type Jet Fuel</b> .....	<b>10,939</b>	<b>8,444</b>	<b>15,770</b>	<b>766</b>	<b>8,293</b>	<b>44,212</b>
Refinery .....	991	1,726	5,303	283	3,278	11,581
Bulk Terminal .....	5,407	4,089	5,856	459	4,064	19,875
Pipeline .....	4,541	2,629	4,611	24	951	12,756
<b>Kerosene</b> .....	<b>2,711</b>	<b>162</b>	<b>282</b>	<b>6</b>	<b>95</b>	<b>3,256</b>
Refinery .....	11	115	112	6	95	339
Bulk Terminal .....	2,555	37	170	—	—	2,762
Pipeline .....	145	10	—	—	—	155
<b>Distillate Fuel Oil<sup>2</sup></b> .....	<b>71,308</b>	<b>27,969</b>	<b>47,018</b>	<b>2,780</b>	<b>12,493</b>	<b>161,568</b>
Refinery .....	5,606	6,449	13,988	1,238	4,569	31,850
Bulk Terminal .....	55,041	14,035	21,007	861	6,286	97,230
Pipeline .....	10,661	7,485	12,023	681	1,638	32,488
<b>15 ppm sulfur and Under</b> .....	<b>25,801</b>	<b>25,511</b>	<b>36,418</b>	<b>2,501</b>	<b>10,116</b>	<b>100,347</b>
Refinery .....	1,488	5,132	9,858	965	3,330	20,773
Bulk Terminal .....	17,937	13,547	15,852	857	5,245	53,438
Pipeline .....	6,376	6,832	10,708	679	1,541	26,136
<b>Greater than 15 ppm to 500 ppm sulfur</b> .....	<b>4,599</b>	<b>1,301</b>	<b>4,150</b>	<b>179</b>	<b>1,107</b>	<b>11,336</b>
Refinery .....	153	434	1,828	173	474	3,062
Bulk Terminal .....	3,694	425	1,541	4	536	6,200
Pipeline .....	752	442	781	2	97	2,074
<b>Greater than 500 ppm sulfur</b> .....	<b>40,908</b>	<b>1,157</b>	<b>6,450</b>	<b>100</b>	<b>1,270</b>	<b>49,885</b>
Refinery .....	3,965	883	2,302	100	765	8,015
Bulk Terminal .....	33,410	63	3,614	—	505	37,592
Pipeline .....	3,533	211	534	—	—	4,278
<b>Residual Fuel Oil<sup>5</sup></b> .....	<b>14,659</b>	<b>1,523</b>	<b>19,805</b>	<b>215</b>	<b>4,921</b>	<b>41,123</b>
Refinery .....	984	1,261	4,416	215	2,359	9,235
Bulk Terminal .....	13,675	262	15,389	—	2,559	31,885
Pipeline .....	—	—	—	—	3	3
<b>Less than 0.31% Sulfur</b> .....	<b>2,708</b>	<b>136</b>	<b>1,677</b>	<b>11</b>	<b>158</b>	<b>4,690</b>
Refinery .....	149	—	105	11	121	386
Bulk Terminal .....	2,559	136	1,572	—	37	4,304
<b>0.31% to 1.00% Sulfur</b> .....	<b>4,192</b>	<b>242</b>	<b>2,605</b>	<b>17</b>	<b>868</b>	<b>7,924</b>
Refinery .....	260	177	381	17	581	1,416
Bulk Terminal .....	3,932	65	2,224	—	287	6,508
<b>Greater than 1.00% Percent Sulfur</b> .....	<b>7,759</b>	<b>1,145</b>	<b>15,523</b>	<b>187</b>	<b>3,892</b>	<b>28,506</b>
Refinery .....	575	1,084	3,930	187	1,657	7,433
Bulk Terminal .....	7,184	61	11,593	—	2,235	21,073
<b>Petrochemical Feedstocks</b> .....	<b>247</b>	<b>424</b>	<b>2,015</b>	<b>—</b>	<b>2</b>	<b>2,688</b>
Refinery .....	247	424	2,015	—	2	2,688
Naphtha for Petrochemical Feedstock Use .....	247	325	1,059	—	2	1,633
Other Oils for Petrochemical Feedstock Use .....	—	99	956	—	—	1,055
<b>Special Naphthas</b> .....	<b>44</b>	<b>152</b>	<b>1,019</b>	<b>—</b>	<b>24</b>	<b>1,239</b>
Refinery .....	16	103	872	—	24	1,015
Bulk Terminal .....	28	49	147	—	—	224
<b>Lubricants</b> .....	<b>1,030</b>	<b>667</b>	<b>4,223</b>	<b>—</b>	<b>942</b>	<b>6,862</b>
Refinery .....	596	227	3,262	—	733	4,818
Bulk Terminal .....	434	440	961	—	209	2,044
<b>Waxes</b> .....	<b>130</b>	<b>28</b>	<b>268</b>	<b>—</b>	<b>—</b>	<b>426</b>
Refinery .....	130	28	268	—	—	426
<b>Petroleum Coke</b> .....	<b>78</b>	<b>707</b>	<b>5,209</b>	<b>413</b>	<b>1,387</b>	<b>7,794</b>
Refinery .....	78	707	5,209	413	1,387	7,794
<b>Asphalt and Road Oil</b> .....	<b>3,493</b>	<b>7,080</b>	<b>3,223</b>	<b>1,121</b>	<b>1,352</b>	<b>16,269</b>
Refinery .....	759	4,021	1,914	771	872	8,337
Bulk Terminal .....	2,734	3,059	1,309	350	480	7,932
<b>Miscellaneous Products</b> .....	<b>19</b>	<b>148</b>	<b>304</b>	<b>21</b>	<b>209</b>	<b>701</b>
Refinery .....	19	128	299	20	209	675
Bulk Terminal .....	—	—	—	—	—	—
Pipeline .....	—	20	5	1	—	26
<b>Total Stocks, All Oils</b> .....	<b>188,275</b>	<b>261,911</b>	<b>1,217,681</b>	<b>33,262</b>	<b>144,438</b>	<b>1,845,567</b>

— = No Data Reported.

<sup>1</sup> Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

<sup>2</sup> Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

Includes stocks held at fuel ethanol production facilities.

<sup>3</sup> Includes stocks held by merchant producers.

<sup>4</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

<sup>5</sup> Sulfur content not available for stocks held by pipelines.

Note: Stocks are reported as of the last day of the month.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

**Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, October 2010**  
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
<b>PAD District 1</b> .....	<b>217</b>	<b>4,058</b>	<b>4,275</b>	<b>12,979</b>	<b>22,366</b>	<b>35,345</b>	<b>2,566</b>
Connecticut .....	—	—	—	571	—	571	539
Delaware .....	—	—	—	405	24	429	—
District of Columbia .....	—	—	—	—	—	—	—
Florida .....	—	533	533	—	4,034	4,034	—
Georgia .....	—	378	378	—	2,256	2,256	17
Maine .....	—	—	—	—	643	643	100
Maryland .....	—	—	—	1,285	58	1,343	180
Massachusetts .....	3	—	3	1,527	—	1,527	52
New Hampshire .....	—	—	—	—	—	—	69
New Jersey .....	158	257	415	4,769	5,841	10,610	466
New York .....	26	134	160	901	1,687	2,588	627
North Carolina .....	—	659	659	—	2,022	2,022	202
Pennsylvania .....	—	840	840	1,261	4,040	5,301	136
Rhode Island .....	—	—	—	388	—	388	—
South Carolina .....	—	708	708	—	813	813	106
Vermont .....	—	47	47	—	—	—	6
Virginia .....	30	448	478	1,872	747	2,619	66
West Virginia .....	—	54	54	—	201	201	—
<b>PAD District 2</b> .....	<b>—</b>	<b>16,158</b>	<b>16,158</b>	<b>4,617</b>	<b>16,266</b>	<b>20,883</b>	<b>152</b>
Illinois .....	—	1,556	1,556	2,189	3,256	5,445	108
Indiana .....	—	1,472	1,472	1,160	2,440	3,600	6
Iowa .....	—	1,462	1,462	—	15	15	—
Kansas .....	—	2,616	2,616	—	379	379	8
Kentucky .....	—	326	326	571	951	1,522	5
Michigan .....	—	727	727	—	1,901	1,901	—
Minnesota .....	—	1,095	1,095	—	1,300	1,300	—
Missouri .....	—	771	771	286	157	443	—
Nebraska .....	—	761	761	—	—	—	—
North Dakota .....	—	289	289	—	476	476	—
Ohio .....	—	1,501	1,501	13	2,284	2,297	10
Oklahoma .....	—	1,915	1,915	—	512	512	6
South Dakota .....	—	300	300	—	—	—	—
Tennessee .....	—	661	661	—	1,651	1,651	9
Wisconsin .....	—	706	706	398	944	1,342	—
<b>PAD District 3</b> .....	<b>134</b>	<b>14,929</b>	<b>15,063</b>	<b>7,402</b>	<b>28,560</b>	<b>35,962</b>	<b>282</b>
Alabama .....	—	437	437	—	1,100	1,100	13
Arkansas .....	—	879	879	—	189	189	—
Louisiana .....	—	2,106	2,106	208	7,964	8,172	74
Mississippi .....	—	1,108	1,108	—	1,384	1,384	—
New Mexico .....	—	279	279	—	423	423	—
Texas .....	134	10,120	10,254	7,194	17,500	24,694	195
<b>PAD District 4</b> .....	<b>—</b>	<b>3,562</b>	<b>3,562</b>	<b>4</b>	<b>1,928</b>	<b>1,932</b>	<b>6</b>
Colorado .....	—	836	836	4	491	495	—
Idaho .....	—	531	531	—	—	—	—
Montana .....	—	929	929	—	422	422	4
Utah .....	—	510	510	—	896	896	2
Wyoming .....	—	756	756	—	119	119	—
<b>PAD District 5</b> .....	<b>81</b>	<b>3,969</b>	<b>4,050</b>	<b>10,591</b>	<b>11,109</b>	<b>21,700</b>	<b>95</b>
Alaska .....	—	759	759	—	—	—	—
Arizona .....	—	157	157	774	379	1,153	—
California .....	81	758	839	9,621	6,910	16,531	95
Hawaii .....	—	12	12	—	740	740	—
Nevada .....	—	329	329	65	28	93	—
Oregon .....	—	316	316	—	951	951	—
Washington .....	—	1,638	1,638	131	2,101	2,232	—
<b>U.S. Total</b> .....	<b>432</b>	<b>42,676</b>	<b>43,108</b>	<b>35,593</b>	<b>80,229</b>	<b>115,822</b>	<b>3,101</b>

See footnotes at end of table.

**Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, October 2010**  
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil <sup>1</sup>				Residual Fuel Oil	Propane/ Propylene
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
<b>PAD District 1</b> .....	<b>19,425</b>	<b>3,847</b>	<b>37,375</b>	<b>60,647</b>	<b>14,659</b>	<b>4,326</b>
Connecticut .....	570	92	4,248	4,910	75	—
Delaware .....	325	—	91	416	147	5
District of Columbia .....	—	—	—	—	—	—
Florida .....	3,105	184	2	3,291	1,905	477
Georgia .....	1,397	—	2	1,399	391	16
Maine .....	739	105	1,383	2,227	265	—
Maryland .....	1,355	232	2,598	4,185	2,574	3
Massachusetts .....	631	114	3,040	3,785	215	—
New Hampshire .....	142	20	637	799	82	300
New Jersey .....	2,252	1,239	13,834	17,325	4,493	230
New York .....	2,012	1,036	5,597	8,645	2,561	1,427
North Carolina .....	1,107	75	59	1,241	250	18
Pennsylvania .....	2,807	152	3,004	5,963	1,035	671
Rhode Island .....	329	—	1,704	2,033	195	8
South Carolina .....	837	107	—	944	259	1,002
Vermont .....	8	—	45	53	—	—
Virginia .....	1,666	477	1,131	3,274	212	156
West Virginia .....	143	14	—	157	—	13
<b>PAD District 2</b> .....	<b>18,679</b>	<b>859</b>	<b>946</b>	<b>20,484</b>	<b>1,523</b>	<b>22,760</b>
Illinois .....	2,776	222	—	2,998	364	1,203
Indiana .....	2,195	—	257	2,452	199	173
Iowa .....	1,039	44	—	1,083	6	246
Kansas .....	1,944	—	200	2,144	39	14,622
Kentucky .....	1,004	27	—	1,031	174	390
Michigan .....	1,635	—	—	1,635	69	3,816
Minnesota .....	1,323	34	114	1,471	130	363
Missouri .....	554	115	—	669	—	158
Nebraska .....	595	—	6	601	—	369
North Dakota .....	316	119	—	435	27	36
Ohio .....	2,047	8	87	2,142	224	1,128
Oklahoma .....	1,198	60	215	1,473	95	208
South Dakota .....	174	—	—	174	—	7
Tennessee .....	946	106	—	1,052	151	5
Wisconsin .....	933	124	67	1,124	45	36
<b>PAD District 3</b> .....	<b>25,710</b>	<b>3,369</b>	<b>5,916</b>	<b>34,995</b>	<b>19,805</b>	<b>23,887</b>
Alabama .....	762	123	50	935	209	327
Arkansas .....	949	17	65	1,031	—	81
Louisiana .....	4,833	567	1,227	6,627	9,244	1,806
Mississippi .....	689	404	115	1,208	115	2,712
New Mexico .....	233	—	76	309	65	30
Texas .....	18,244	2,258	4,383	24,885	10,172	18,931
<b>PAD District 4</b> .....	<b>1,822</b>	<b>177</b>	<b>100</b>	<b>2,099</b>	<b>215</b>	<b>180</b>
Colorado .....	327	57	—	384	17	31
Idaho .....	185	—	—	185	—	—
Montana .....	719	37	—	756	85	27
Utah .....	341	39	100	480	42	73
Wyoming .....	250	44	—	294	71	49
<b>PAD District 5</b> .....	<b>8,575</b>	<b>1,010</b>	<b>1,270</b>	<b>10,855</b>	<b>4,918</b>	<b>2,194</b>
Alaska .....	703	—	348	1,051	280	4
Arizona .....	522	20	—	542	—	1,426
California .....	5,132	267	608	6,007	2,621	683
Hawaii .....	166	194	169	529	652	54
Nevada .....	243	—	3	246	—	—
Oregon .....	791	148	28	967	364	—
Washington .....	1,018	381	114	1,513	1,001	27
<b>U.S. Total</b> .....	<b>74,211</b>	<b>9,262</b>	<b>45,607</b>	<b>129,080</b>	<b>41,120</b>	<b>53,347</b>

— = No Data Reported.

<sup>1</sup> Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

Note: Stocks are reported as of the last day of the month.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, October 2010**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
<b>Crude Oil</b> .....	<b>174</b>	<b>554</b>	<b>-</b>	<b>559</b>	<b>4,788</b>	<b>1,937</b>	<b>-</b>	<b>627</b>	<b>29,367</b>
<b>Petroleum Products</b> .....	<b>9,888</b>	<b>50</b>	<b>0</b>	<b>2,484</b>	<b>13,802</b>	<b>1,382</b>	<b>0</b>	<b>95,212</b>	<b>28,196</b>
Pentanes Plus .....	90	0	-	0	299	0	-	0	1,765
Liquified Petroleum Gases .....	0	0	-	1,121	9,199	0	-	1,703	5,347
Unfinished Oils .....	56	0	0	0	467	-	0	0	937
Motor Gasoline Blending Components .....	4,007	50	0	476	89	302	0	34,757	3,857
Reformulated - RBOB .....	0	0	0	0	49	-	0	7,324	2,404
Conventional .....	4,007	50	0	476	40	302	0	27,433	1,453
CBOB .....	4,007	0	0	449	0	302	0	27,340	646
GTAB .....	0	0	-	3	0	-	-	0	35
Other .....	0	50	-	24	40	-	-	93	772
Renewable Fuels .....	21	0	-	23	444	-	-	300	153
Fuel Ethanol .....	0	0	-	23	435	-	-	100	0
Renewable Diesel Fuel .....	21	0	-	0	9	-	-	200	153
Other Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline .....	2,418	0	0	82	839	300	0	17,941	8,560
Reformulated .....	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	2,418	0	0	82	839	300	0	17,941	8,560
Conventional Blended with Fuel Ethanol .....	0	0	-	0	120	-	-	1,720	0
Ed55 and Lower .....	0	0	-	0	120	-	-	1,720	0
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	2,418	0	0	82	719	300	0	16,221	8,560
Finished Aviation Gasoline .....	0	0	-	0	0	-	-	60	20
Kerosene-Type Jet Fuel .....	224	0	0	104	18	450	0	13,877	2,154
Kerosene .....	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil .....	3,072	0	0	387	1,106	330	0	25,450	4,691
15 ppm sulfur and under .....	2,745	0	0	387	438	330	0	20,418	4,531
Greater than 15 ppm to 500 ppm sulfur .....	327	0	-	0	668	-	-	2,047	160
Greater than 500 ppm sulfur .....	-	0	-	0	0	-	-	2,985	-
Residual Fuel Oil .....	0	0	-	14	803	-	-	0	0
Petrochemical Feedstocks .....	0	0	-	0	0	-	-	252	74
Naphtha for Petrochemical Feedstock Use .....	0	0	-	0	0	-	-	252	35
Other Oils for Petrochemical Feedstock Use .....	0	0	-	-	0	-	-	-	39
Special Naphthas .....	0	0	-	-	0	-	-	-	28
Lubricants .....	0	0	0	47	0	-	0	472	497
Waxes .....	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil .....	0	0	-	230	538	-	-	400	99
Miscellaneous Products .....	0	0	-	-	0	-	-	-	14
<b>Total</b> .....	<b>10,062</b>	<b>604</b>	<b>0</b>	<b>3,043</b>	<b>18,590</b>	<b>3,319</b>	<b>0</b>	<b>95,839</b>	<b>57,563</b>

See footnotes at end of table.

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, October 2010**  
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to			From 5 to			
	4	5	2	3	5	1	2	3	4
<b>Crude Oil</b> .....	<b>0</b>	<b>—</b>	<b>5,418</b>	<b>189</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>734</b>	<b>4,975</b>	<b>4,494</b>	<b>5,790</b>	<b>1,014</b>	<b>0</b>	<b>0</b>	<b>105</b>	<b>0</b>
Pentanes Plus .....	0	—	369	781	—	0	0	0	0
Liquified Petroleum Gases .....	41	—	3,420	5,009	—	0	0	0	0
Unfinished Oils .....	—	0	0	0	0	0	0	0	—
Motor Gasoline Blending Components .....	0	3,675	0	0	0	0	0	0	0
Reformulated - RBOB .....	—	2,377	0	0	0	0	0	0	—
Conventional .....	0	1,298	0	0	0	0	0	0	0
CBOB .....	0	1,298	0	0	0	0	0	0	0
GTAB .....	—	—	0	0	—	0	0	0	—
Other .....	—	—	0	0	—	0	0	0	—
Renewable Fuels .....	—	—	0	0	—	0	0	0	—
Fuel Ethanol .....	—	—	0	0	—	0	0	0	—
Renewable Diesel Fuel .....	—	—	0	0	—	0	0	0	—
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	521	87	499	0	932	0	0	0	0
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	521	87	499	0	932	0	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	0	0	—	0	0	0	—
Ed55 and Lower .....	—	—	0	0	—	0	0	0	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	521	87	499	0	932	0	0	0	0
Finished Aviation Gasoline .....	—	—	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel .....	40	265	50	0	0	0	0	0	0
Kerosene .....	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil .....	132	948	156	0	82	0	0	0	0
15 ppm sulfur and under .....	132	948	156	0	82	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	—	—	0	0	—	0	0	0	—
Greater than 500 ppm sulfur .....	—	—	—	0	—	0	—	0	—
Residual Fuel Oil .....	—	—	0	0	—	0	0	0	—
Petrochemical Feedstocks .....	—	—	0	0	—	0	0	0	—
Naphtha for Petrochemical Feedstock Use .....	—	—	0	0	—	0	0	0	—
Other Oils for Petrochemical Feedstock Use .....	—	—	0	0	—	—	0	0	—
Special Naphthas .....	—	—	0	0	—	—	0	0	—
Lubricants .....	—	0	0	0	0	0	0	105	—
Waxes .....	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil .....	—	—	0	0	—	0	0	0	—
Miscellaneous Products .....	—	—	0	0	—	—	0	0	—
<b>Total</b> .....	<b>734</b>	<b>4,975</b>	<b>9,912</b>	<b>5,979</b>	<b>1,014</b>	<b>0</b>	<b>0</b>	<b>105</b>	<b>0</b>

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report."

**Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, October 2010**  
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
<b>Crude Oil</b> .....	<b>0</b>	<b>554</b>	<b>179</b>	<b>3,997</b>	<b>1,937</b>	<b>627</b>	<b>29,367</b>	<b>0</b>	<b>-</b>
<b>Petroleum Products</b> .....	<b>9,787</b>	<b>0</b>	<b>1,530</b>	<b>10,495</b>	<b>1,382</b>	<b>77,887</b>	<b>26,081</b>	<b>734</b>	<b>4,975</b>
Pentanes Plus .....	90	0	0	299	0	0	1,765	0	-
Liquified Petroleum Gases .....	0	0	1,121	9,199	0	1,650	5,347	41	-
Motor Gasoline Blending Components .....	4,007	0	133	49	302	28,111	3,735	0	3,675
Reformulated - RBOB .....	0	0	0	49	-	7,324	2,404	-	2,377
Conventional .....	4,007	0	133	0	302	20,787	1,331	0	1,298
CBOB .....	4,007	0	130	0	302	20,770	646	0	1,298
GTAB .....	0	-	3	-	-	0	0	-	-
Other .....	0	0	0	0	-	17	685	-	-
Renewable Fuels .....	21	0	0	0	-	200	0	-	-
Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel .....	21	0	0	0	-	200	0	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline .....	2,418	0	69	614	300	12,679	8,505	521	87
Reformulated .....	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	2,418	0	69	614	300	12,679	8,505	521	87
Conventional Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Ed55 and Lower .....	-	-	-	-	-	-	-	-	-
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	2,418	0	69	614	300	12,679	8,505	521	87
Finished Aviation Gasoline .....	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	224	0	104	18	450	12,442	2,154	40	265
Kerosene .....	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil .....	3,027	0	103	316	330	22,805	4,575	132	948
15 ppm sulfur and under .....	2,700	0	103	316	330	17,905	4,465	132	948
Greater than 15 ppm to 500 ppm sulfur .....	327	0	0	0	-	1,915	110	-	-
Greater than 500 ppm sulfur .....	-	0	0	0	-	2,985	-	-	-
Residual Fuel Oil .....	-	-	-	-	-	-	-	-	-
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total</b> .....	<b>9,787</b>	<b>554</b>	<b>1,709</b>	<b>14,492</b>	<b>3,319</b>	<b>78,514</b>	<b>55,448</b>	<b>734</b>	<b>4,975</b>

See footnotes at end of table.

**Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, October 2010**  
(Thousand Barrels) — Continued

Commodity	From 4 to			From 5 to	
	2	3	5	3	4
<b>Crude Oil</b> .....	<b>5,418</b>	<b>189</b>	<b>—</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>4,494</b>	<b>5,790</b>	<b>1,014</b>	<b>0</b>	<b>0</b>
Pentanes Plus .....	369	781	—	0	0
Liquified Petroleum Gases .....	3,420	5,009	—	0	0
Motor Gasoline Blending Components .....	0	0	0	0	0
Reformulated - RBOB .....	0	0	0	0	—
Conventional .....	0	0	0	0	0
CBOB .....	0	0	0	0	0
GTAB .....	0	—	—	—	—
Other .....	0	0	—	0	—
Renewable Fuels .....	0	0	—	0	—
Fuel Ethanol .....	—	—	—	—	—
Renewable Diesel Fuel .....	0	0	—	0	—
Other Renewable Fuels .....	—	—	—	—	—
Finished Motor Gasoline .....	499	0	932	0	0
Reformulated .....	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—
Conventional .....	499	0	932	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—
Conventional Other .....	499	0	932	0	0
Finished Aviation Gasoline .....	—	—	—	—	—
Kerosene-Type Jet Fuel .....	50	0	0	0	0
Kerosene .....	—	—	—	—	—
Distillate Fuel Oil .....	156	0	82	0	0
15 ppm sulfur and under .....	156	0	82	0	0
Greater than 15 ppm to 500 ppm sulfur .....	0	0	—	0	—
Greater than 500 ppm sulfur .....	—	0	—	0	—
Residual Fuel Oil .....	—	—	—	—	—
Miscellaneous Products .....	—	—	—	—	—
<b>Total</b> .....	<b>9,912</b>	<b>5,979</b>	<b>1,014</b>	<b>0</b>	<b>0</b>

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."



**Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, October 2010**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
<b>Crude Oil</b> .....	<b>174</b>	<b>0</b>	<b>—</b>	<b>380</b>	<b>791</b>	<b>—</b>
<b>Petroleum Products</b> .....	<b>101</b>	<b>50</b>	<b>0</b>	<b>954</b>	<b>3,307</b>	<b>0</b>
Liquified Petroleum Gases .....	—	0	—	0	0	—
Unfinished Oils .....	56	0	—	0	467	—
Motor Gasoline Blending Components .....	0	50	—	343	40	—
Reformulated - RBOB .....	—	—	—	—	—	—
Conventional .....	0	50	—	343	40	—
CBOB .....	0	0	—	319	0	—
GTAB .....	0	0	—	—	0	—
Other .....	0	50	—	24	40	—
Renewable Fuels .....	0	0	—	23	444	—
Fuel Ethanol .....	0	0	—	23	435	—
Renewable Diesel Fuel .....	0	0	—	—	9	—
Other Renewable Fuels .....	—	—	—	—	—	—
Finished Motor Gasoline .....	0	0	—	13	225	—
Reformulated .....	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—
Conventional .....	0	0	—	13	225	—
Conventional Blended with Fuel Ethanol .....	0	0	—	0	120	—
Ed55 and Lower .....	0	0	—	0	120	—
Greater than Ed55 .....	—	—	—	—	—	—
Conventional Other .....	0	0	—	13	105	—
Finished Aviation Gasoline .....	0	0	—	0	0	—
Kerosene-Type Jet Fuel .....	—	0	—	0	0	—
Kerosene .....	—	—	—	—	—	—
Distillate Fuel Oil .....	45	0	—	284	790	—
15 ppm sulfur and under .....	45	0	—	284	122	—
Greater than 15 ppm to 500 ppm sulfur .....	0	0	—	0	668	—
Greater than 500 ppm sulfur .....	—	—	—	—	—	—
Residual Fuel Oil .....	0	0	—	14	803	—
Less than 0.31 percent sulfur .....	—	—	—	—	—	—
0.31 to 1.00 percent sulfur .....	—	—	—	—	—	—
Greater than 1.00 percent sulfur .....	0	0	—	14	803	—
Petrochemical Feedstocks .....	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use .....	0	0	—	0	0	—
Other Oils for Petrochemical Feedstock Use .....	0	0	—	—	0	—
Special Naphthas .....	0	0	—	—	0	—
Lubricants .....	0	0	0	47	0	0
Waxes .....	—	—	—	—	—	—
Asphalt and Road Oil .....	0	0	—	230	538	—
Miscellaneous Products .....	0	0	—	—	0	—
<b>Total</b> .....	<b>275</b>	<b>50</b>	<b>0</b>	<b>1,334</b>	<b>4,098</b>	<b>0</b>

See footnotes at end of table.

**Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, October 2010**  
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
<b>Crude Oil</b> .....	<b>0</b>	—	—	—	<b>0</b>	—	<b>0</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>17,325</b>	<b>83</b>	<b>527</b>	<b>16,715</b>	<b>2,115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105</b>
Liquified Petroleum Gases .....	53	—	—	53	—	—	0	—	0
Unfinished Oils .....	0	—	—	—	937	—	0	0	0
Motor Gasoline Blending Components .....	6,646	—	214	6,432	122	—	0	0	0
Reformulated - RBOB .....	—	—	—	—	—	—	—	—	—
Conventional .....	6,646	—	214	6,432	122	—	0	0	0
CBOB .....	6,570	—	138	6,432	0	—	0	0	0
GTAB .....	—	—	—	—	35	—	—	0	0
Other .....	76	—	76	—	87	—	0	0	0
Renewable Fuels .....	100	—	—	100	153	—	0	0	0
Fuel Ethanol .....	100	—	—	100	0	—	0	0	0
Renewable Diesel Fuel .....	—	—	—	—	153	—	—	0	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	5,262	—	—	5,262	55	—	0	0	0
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	5,262	—	—	5,262	55	—	0	0	0
Conventional Blended with Fuel Ethanol .....	1,720	—	—	1,720	0	—	0	0	0
Ed55 and Lower .....	1,720	—	—	1,720	0	—	0	0	0
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	3,542	—	—	3,542	55	—	0	0	0
Finished Aviation Gasoline .....	60	—	27	33	20	—	0	0	0
Kerosene-Type Jet Fuel .....	1,435	—	—	1,435	—	—	0	—	0
Kerosene .....	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil .....	2,645	—	—	2,645	116	—	0	0	0
15 ppm sulfur and under .....	2,513	—	—	2,513	66	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	132	—	—	132	50	—	0	0	0
Greater than 500 ppm sulfur .....	—	—	—	—	—	—	—	—	—
Residual Fuel Oil .....	0	—	—	—	0	—	0	0	0
Less than 0.31 percent sulfur .....	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur .....	—	—	—	—	—	—	—	—	—
Greater than 1.00 percent sulfur .....	0	—	—	—	0	—	0	0	0
Petrochemical Feedstocks .....	252	—	—	252	74	—	0	0	0
Naphtha for Petrochemical Feedstock Use .....	252	—	—	252	35	—	0	0	0
Other Oils for Petrochemical Feedstock Use .....	—	—	—	—	39	—	—	0	0
Special Naphthas .....	—	—	—	—	28	—	—	0	0
Lubricants .....	472	—	286	186	497	0	0	0	105
Waxes .....	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil .....	400	83	—	317	99	—	0	0	0
Miscellaneous Products .....	—	—	—	—	14	—	—	0	0
<b>Total</b> .....	<b>17,325</b>	<b>83</b>	<b>527</b>	<b>16,715</b>	<b>2,115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105</b>

— = No Data Reported.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

**Table 60. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, October 2010**  
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
<b>Crude Oil</b>	<b>1,186</b>	<b>728</b>	<b>458</b>	<b>34,959</b>	<b>7,284</b>	<b>27,675</b>	<b>5,531</b>	<b>29,994</b>	<b>-24,463</b>
<b>Petroleum Products</b>	<b>97,696</b>	<b>9,938</b>	<b>96,981</b>	<b>42,578</b>	<b>17,668</b>	<b>8,114</b>	<b>19,747</b>	<b>129,117</b>	<b>-106,336</b>
Pentanes Plus	0	90	-90	2,224	299	1,925	1,080	1,765	-685
Liquified Petroleum Gases	2,824	0	2,824	8,767	10,320	-1,553	14,208	7,091	7,117
Ethane/Ethylene	0	0	—	3,039	6,320	-3,281	9,247	1,147	8,100
Propane/Propylene	2,689	0	2,689	4,230	3,039	1,191	3,293	5,029	-1,736
Normal Butane/Butylene	135	0	135	842	803	39	1,129	507	622
Isobutane/Isobutylene	0	0	—	656	158	498	539	408	131
Unfinished Oils	0	56	-56	993	467	526	467	937	-470
Motor Gasoline Blending Components	35,233	4,057	31,176	7,864	867	6,997	139	42,289	-42,150
Reformulated - RBOB	7,324	0	7,324	2,404	49	2,355	49	12,105	-12,056
Conventional	27,909	4,057	23,852	5,460	818	4,642	90	30,184	-30,094
CBOB	27,789	4,007	23,782	4,653	751	3,902	0	29,284	-29,284
GTAB	3	0	3	35	3	32	0	35	-35
Other	117	50	67	772	64	708	90	865	-775
Renewable Fuels	323	21	9,525	174	467	-17,089	444	453	3,025
Fuel Ethanol	123	0	9,346	0	458	-17,254	435	100	3,369
Renewable Diesel Fuel	200	21	179	174	9	165	9	353	-344
Other Renewable Fuels	0	0	—	0	0	—	0	0	—
Finished Motor Gasoline	18,023	2,418	15,605	11,477	1,221	10,256	839	27,109	-26,270
Reformulated	0	0	—	0	0	—	0	0	—
Reformulated Blended with Fuel Ethanol	0	0	—	0	0	—	0	0	—
Reformulated Other	0	0	—	0	0	—	0	0	—
Conventional	18,023	2,418	15,605	11,477	1,221	10,256	839	27,109	-26,270
Conventional Blended with Fuel Ethanol	1,720	0	1,720	0	120	-120	120	1,720	-1,600
Ed55 and Lower	1,720	0	1,720	0	120	-120	120	1,720	-1,600
Greater than Ed55	0	0	—	0	0	—	0	0	—
Conventional Other	16,303	2,418	13,885	11,477	1,101	10,376	719	25,389	-24,670
Finished Aviation Gasoline	60	0	60	20	0	20	0	80	-80
Kerosene-Type Jet Fuel	13,981	224	13,757	2,428	572	1,856	18	16,336	-16,318
Kerosene	0	0	—	0	0	—	0	0	—
Distillate Fuel Oil	25,837	3,072	22,765	7,919	1,823	6,096	1,106	31,221	-30,115
15 ppm sulfur and under	20,805	2,745	18,060	7,432	1,155	6,277	438	26,029	-25,591
Greater than 15 ppm to 500 ppm sulfur	2,047	327	1,720	487	668	-181	668	2,207	-1,539
Greater than 500 ppm sulfur	2,985	0	2,985	0	0	—	0	2,985	-2,985
Residual Fuel Oil	14	0	14	0	817	-817	803	0	803
Petrochemical Feedstocks	252	0	252	74	0	74	0	326	-326
Naphtha for Petrochemical Feedstock Use	252	0	252	35	0	35	0	287	-287
Other Oils for Petrochemical Feedstock Use	0	0	—	39	0	39	0	39	-39
Special Naphthas	0	0	—	28	0	28	0	28	-28
Lubricants	519	0	519	497	47	450	105	969	-864
Waxes	0	0	—	0	0	—	0	0	—
Asphalt and Road Oil	630	0	630	99	768	-669	538	499	39
Miscellaneous Products	0	0	—	14	0	14	0	14	-14
<b>Total</b>	<b>98,882</b>	<b>10,666</b>	<b>97,439</b>	<b>77,537</b>	<b>24,952</b>	<b>35,789</b>	<b>25,278</b>	<b>159,111</b>	<b>-130,799</b>

See footnotes at end of table.

**Table 60. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, October 2010**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
<b>Crude Oil</b> .....	<b>1,937</b>	<b>5,607</b>	<b>-3,670</b>	<b>0</b>	<b>0</b>	<b>-</b>
<b>Petroleum Products</b> .....	<b>2,116</b>	<b>11,298</b>	<b>-9,004</b>	<b>5,989</b>	<b>105</b>	<b>10,245</b>
Pentanes Plus .....	0	1,150	-1,150	0	0	-
Liquified Petroleum Gases .....	41	8,429	-8,388	0	0	-
Ethane/Ethylene .....	0	4,819	-4,819	0	0	-
Propane/Propylene .....	40	2,184	-2,144	0	0	-
Normal Butane/Butylene .....	1	797	-796	0	0	-
Isobutane/Isobutylene .....	0	629	-629	0	0	-
Unfinished Oils .....	0	0	-	0	0	-
Motor Gasoline Blending Components .....	302	0	302	3,675	0	3,675
Reformulated - RBOB .....	0	0	-	2,377	0	2,377
Conventional .....	302	0	302	1,298	0	1,298
CBOB .....	302	0	302	1,298	0	1,298
GTAB .....	0	0	-	0	0	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	0	0	178	0	0	4,361
Fuel Ethanol .....	0	0	178	0	0	4,361
Renewable Diesel Fuel .....	0	0	-	0	0	-
Other Renewable Fuels .....	0	0	-	0	0	-
Finished Motor Gasoline .....	821	1,431	-610	1,019	0	1,019
Reformulated .....	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	0	0	-	0	0	-
Reformulated Other .....	0	0	-	0	0	-
Conventional .....	821	1,431	-610	1,019	0	1,019
Conventional Blended with Fuel Ethanol .....	0	0	-	0	0	-
Ed55 and Lower .....	0	0	-	0	0	-
Greater than Ed55 .....	0	0	-	0	0	-
Conventional Other .....	821	1,431	-610	1,019	0	1,019
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	490	50	440	265	0	265
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	462	238	224	1,030	0	1,030
15 ppm sulfur and under .....	462	238	224	1,030	0	1,030
Greater than 15 ppm to 500 ppm sulfur .....	0	0	-	0	0	-
Greater than 500 ppm sulfur .....	0	0	-	0	0	-
Residual Fuel Oil .....	0	0	-	0	0	-
Petrochemical Feedstocks .....	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use .....	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use .....	-	-	-	-	-	-
Special Naphthas .....	-	-	-	0	0	-
Lubricants .....	0	0	-	0	105	-105
Waxes .....	0	0	-	0	0	-
Asphalt and Road Oil .....	0	0	-	0	0	-
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total</b> .....	<b>4,053</b>	<b>16,905</b>	<b>-12,674</b>	<b>5,989</b>	<b>105</b>	<b>10,245</b>

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report."

## Appendix A

# District Descriptions and Maps

The following are the Refining Districts which make up the Petroleum Administration for Defense (PAD) Districts.

### PAD District I

**East Coast:** The District of Columbia and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung, and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties east thereof.

**Appalachian No. 1:** The State of West Virginia and those parts of the States of Pennsylvania and New York not included in the East Coast District.

### Sub-PAD District I

**New England:** The States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

**Central Atlantic:** The District of Columbia and the States of Delaware, Maryland, New Jersey, New York, and Pennsylvania.

**Lower Atlantic:** The States of Florida, Georgia, North Carolina, South Carolina, Virginia and West Virginia.

### PAD District II

**Indiana-Illinois-Kentucky:** The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and Ohio.

**Minnesota-Wisconsin-North and South Dakota:** The States of Minnesota, Wisconsin, North Dakota, and South Dakota.

**Oklahoma-Kansas-Missouri:** The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.

### PAD District III

**Texas Inland:** The State of Texas except the Texas Gulf Coast District.

**Texas Gulf Coast:** The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.

**Louisiana Gulf Coast:** The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.

**North Louisiana-Arkansas:** The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.

**New Mexico:** The State of New Mexico.

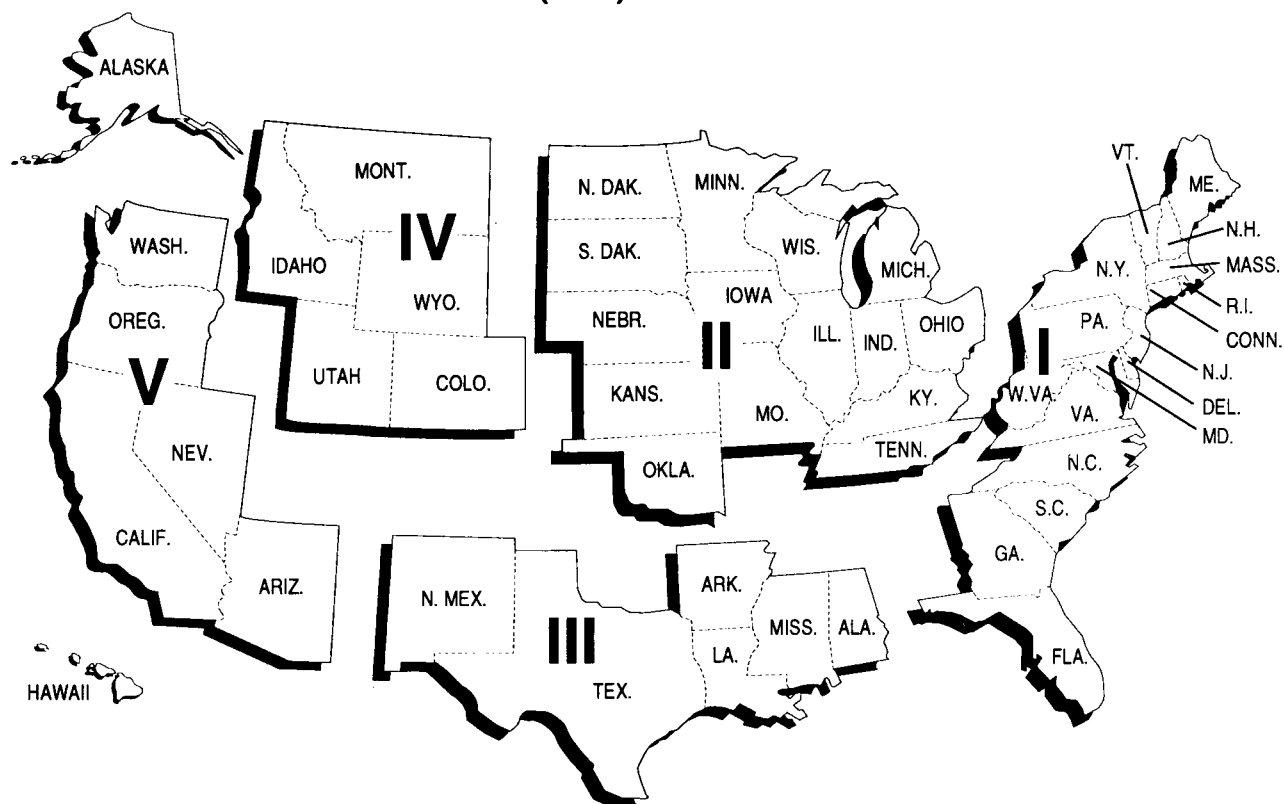
### PAD District IV

**Rocky Mountain:** The States of Montana, Idaho, Wyoming, Utah, and Colorado.

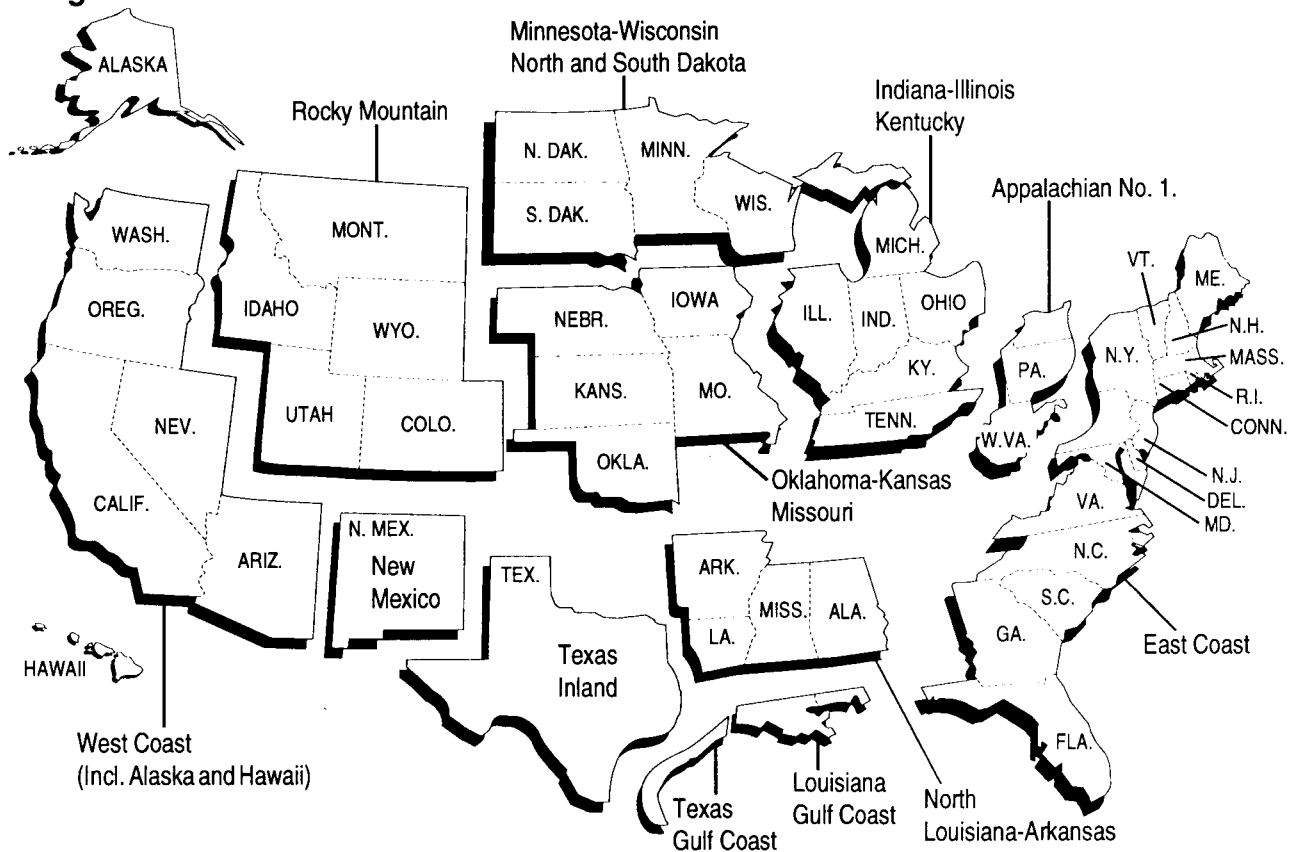
### PAD District V

**West Coast:** The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

## Petroleum Administration for Defense (PAD) Districts



## Refining Districts



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## Preface

The *Petroleum Supply Monthly (PSM)* is the monthly component of a series of three publications concerning the supply and disposition of crude oil and petroleum products produced by the Petroleum Division of the Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report (WPSR)* and the *Petroleum Supply Annual (PSA)*. Together these publications present a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly basis.

Data presented in the *PSM* describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply: petroleum refiners, motor gasoline blenders, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

The *PSM* tables present statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District level, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources.

Final statistics for the data series published in the *PSM* are published in the *PSA*. The *PSA* is published approximately five months after the end of the report year.

## New in 2010

Several publication changes were implemented beginning with data for January 2010 PSM. The 2010 changes to the PSM include:

- added a new table to consolidate crude oil data
- removed certain crude oil details included in the new crude oil table from existing supply and disposition tables,
- changed motor gasoline product categories
  - Motor gasoline blending components, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blendstock (RBOB);
  - Motor gasoline blending components, reformulated and conventional gasoline treated as blendstock (GTAB) categories were collapsed into a single category: GTAB;
  - Finished motor gasoline, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blended with fuel ethanol;
  - Finished motor gasoline, conventional blended with fuel ethanol was split into two separate categories: Ed55 and lower and Greater than Ed55.
- changed gasoline adjustment calculations including elimination of the MTBE adjustment,
- added gains and losses at blending terminals to applicable tables
- changed various product labels.



## Appendix B. Explanatory Notes

### 1. Overview

#### A. The Energy Information Administration's Quality Guidelines

The data contained in the *Petroleum Supply Monthly (PSM)* are subject to separate information quality guidelines issued by the Office of Management and Budget (OMB), the Department of Energy (DOE), and Energy Information Administration (EIA). With available resources, EIA continually works to improve its systems in order to provide high quality information needed by public and private policymakers and decision makers. EIA has performance standards to ensure the quality (i.e., objectivity, utility, and integrity) of information it disseminates to the public. Quality is ensured and maximized at levels appropriate to the nature and timeliness of the disseminated information. Information about EIA's quality program is available at <http://www.eia.doe.gov/smg/EIA-IQ-Guidelines.html>.

#### B. Concepts of Product Supply and Demand

Petroleum supply estimates contained in the *PSM* are often interpreted as an approximation of petroleum demand measured as product supplied. Product supplied is often called "implied" demand because it is a measure of demand that is implied by disappearance of petroleum products from facilities and activities in the "primary" supply chain. Facilities and activities in the primary supply chain include refineries and blending terminals, gas processing plants and fractionators, oxygenate producers, imports, exports, bulk storage terminals, and pipelines. Total product supplied in the *PSM* at the U.S. level is equal to the sum of field production, plus refinery and blender net production, plus renewable fuels, and oxygenate plant net production, plus imports, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports. Net receipts are added as a component of supply at the PAD District level. Crude oil product supplied is normally zero because crude oil is processed in refineries and rarely, if ever, used directly.

The secondary system is that portion of the overall distribution network that falls between producers and end-users. Product typically flows in bulk from the primary supply system into the secondary system before delivery in small quantities to consumers (the tertiary system). The secondary system includes storage at bulk plants; at retail motor fuel outlets, such as service stations, truck stops, and convenience stores; and at retail fuel oil dealers. Bulk plants are wholesale storage facilities that have less than 50,000 barrels of storage capacity and, by definition, receive product only by tank car or truck, not by barge, tanker, or pipeline. Tertiary inventories are held by end users and include fuel in vehicle tanks, heating oil in residential tanks, fuel oil held by utilities, jet fuel stored in facilities operated by end users, and certain proprietary storage of raw materials for the chemical industry (ethylene, propylene, etc.).

Data users sometimes consider demand as sales to the ultimate consumer or as the actual consumption of the product. Since there may be time delays between the movement of product into the primary market and its ultimate purchase or consumption, these definitions of demand require data on changes in secondary and/or tertiary stocks or the assumption that these values either remain constant or are small compared to primary supply. The most recent study of secondary

stocks was done by the National Petroleum Council in 1989. This study revealed that secondary distillate stocks were equal to about 6.9 percent of distillate stocks and 6.7 percent of distillate storage capacity. The study also noted that secondary storage capacity was decreasing due to EPA regulations.

#### C. Components of Supply and Disposition

The detailed statistics tables in the *PSM* provide complete supply and disposition information for the current month and year to date. The tables are organized to locate National and Petroleum Administration for Defense (PAD) District supply and disposition data at the front followed by tables that contain detailed information on supply and disposition. These include tables on crude oil and petroleum product production, import/export data, stocks information, and lastly, data on crude oil and petroleum product movements. To assist in the interpretation of these tables, the following discussion of supply, disposition, and ending stocks as shown in Tables 1– 25 is provided. The categories and products are defined in the EIA Glossary.

##### (1.) Supply

a. Field Production - Total Field Production is the sum of crude oil production and natural gas plant liquids and liquefied refinery gases production.

Crude oil production is an estimate based on data received from State conservation agencies and the Mineral Management Service of the U.S. Department of the Interior. Refer to "Domestic Crude Oil Production" in Section 2C (1) for further details.

Field production of natural gas plant liquids is reported on Form EIA-816 and published on a net basis (i.e., production minus inputs).

b. Renewable Fuels and Oxygenate Plant Net Production - Total Renewable Fuels and Oxygenate Plant Net Production is reported on Form EIA-819. It is the sum of the production from plants producing oxygenates (fuel ethanol, ETBE, MTBE, and other oxygenates) plus negative production of pentanes plus, finished motor gasoline, and motor gasoline blending components added to fuel ethanol as denaturants. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reported as input during the same month.

c. Refinery and Blender Net Production – Refinery and Blender Net Production is reported on Form EIA-810 and EIA-815. Refinery and Blender Net Production equals refinery and blenders production minus refinery and blender net inputs. Negative production of finished petroleum products will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month.

d. Imports - Imports include receipts of goods into the 50 States and the District of Columbia from U.S. possessions and territories or from foreign countries.

e. Net Receipts – Net Receipts data are included in tables containing PAD District-level data to account for inter-PAD District movements of crude oil and petroleum products. Net receipts for a PAD District are calculated by subtracting shipments out of the PAD District from receipts into the PAD District. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge between PAD Districts are shown in Table60.

Data for inter-PAD District movements of fuel ethanol and oxygenates by railroad tank car are not currently available. Net Receipts are therefore “implied” for fuel ethanol and oxygenates. Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.”

f. Adjustments – This column includes adjustment quantities for crude oil, fuel ethanol, motor gasoline blending components, and distillate fuel oil. Adjustment quantities are derived either to balance supply and disposition for selected products or to reclassify one product to another product. Product supplied is the balancing item for most products and is interpreted as an implied measure of petroleum demand. Adjustments are used in cases where it does not make sense to interpret the balancing item as demand. Reclassifications reported in the adjustments column may be implied by the supply and disposition balance or reported on surveys. Recall that supply at the U.S. level is equal to the sum of field production, renewable fuels and oxygenate plant net production, refinery and blender net production, imports, and adjustments. Disposition at the U.S. level is equal to the sum of stock change, refinery and blender net inputs, exports, and products supplied. At the PAD District level, supply components include net receipts equal to gross receipts from other PAD Districts minus gross shipments to other PAD Districts. In every case, supply must equal disposition. Applicable components of supply and disposition vary depending on the product or product group. Unless otherwise noted in Section 2C, adjustment calculations that balance supply and disposition equal disposition minus supply for the U.S. and for each PAD District.

## (2.) Disposition

a. Stock Change – Stock Change is calculated as the difference between the current month Ending Stocks column and the Ending Stocks column in the prior month’s publication. A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

b. Refinery and Blender Net Inputs – Refinery and Blender Net Inputs are inputs of crude oil and intermediate materials (unfinished oils, motor and aviation gasoline blending components, liquefied petroleum gases, pentanes plus, hydrogen, oxygenates, renewable fuels, and other hydrocarbons) that are processed at refineries or blended at terminals to produce

finished petroleum products.

Crude oil input represents total crude oil (domestic and foreign) input to atmospheric crude oil distillation units and other refinery processing units (i.e., catalytic cracking units, cokers).

Inputs of natural gas plant liquids are refinery input of natural gas liquids received from natural gas plants for blending and processing. Published inputs of natural gas plant liquids are reported on a gross basis.

Inputs of unfinished oils, motor gasoline blending components, and aviation gasoline blending components are published on a net basis (i.e., refinery input minus refinery production). Negative inputs of unfinished oils and motor and aviation gasoline blending components will occur when the amount of a product produced during the month is greater than the amount of that same product that is input or reclassified to become another product during the same month.

c. Exports - Exports include shipments from the 50 States and the District of Columbia to Puerto Rico, the Virgin Islands, other U.S. possessions and territories and to foreign countries.

d. Products Supplied - Products supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, (plus net receipts on a PAD District basis), plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

A product supplied value indicates those quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative because total disposition of the product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported; (2) data were misreported or reported late; (3) in the case of calculations on a PAD District basis, the figure for net receipts was inaccurate because the coverage of inter-PAD movements was incomplete; and (4) products such as gasoline blending components and unfinished oils have entered the primary supply channels with their production not having been reported, e.g., streams returned to refineries from petrochemical plants.

Beginning with data for January 2010, product supplied for crude oil is assumed equal to zero. Prior to January 1983, crude oil burned on leases and by pipelines as fuel was reported as either distillate or residual fuel oil and was included in product supplied for these products. From January 1983 through December 2009, crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report.” Reporting of crude oil used directly was discontinued on Form EIA-813 after December 2009.

## (3.) Ending Stocks

Ending stocks are primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum

products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage. Primary stocks of petroleum products also exclude secondary stocks held by dealers and jobbers and tertiary stocks held by consumers. Inventories classified as "Distillate Fuel Oil - Greater than 0.05 percent sulfur" stored in the Northeast Heating Oil Reserve are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil ending stocks. The data are shown in Appendix D, Northeast Heating Oil Reserve.

## 2. Components - Forms Discussions

The data presented in the *PSM* include data collected by the EIA on eight monthly petroleum supply surveys, export data obtained from the U. S. Bureau of the Census, and crude production data obtained from State conservation agencies and the Minerals Management Service of the U. S. Department of Interior.

### A. Petroleum Supply Reporting System

The eight monthly petroleum supply surveys are part of the Petroleum Supply Reporting System (PSRS). The PSRS tracks the supply and disposition of crude oil, petroleum products, and natural gas liquids in the United States. The PSRS is organized into two data collection subsystems: the Weekly Petroleum Supply Reporting System (WPSRS) and the Monthly Petroleum Supply Reporting System (MPSRS). The WPSRS processes the data from the seven weekly surveys. The MPSRS includes eight monthly surveys and one annual survey. The survey forms that comprise the PSRS are:

1. EIA-800, "Weekly Refinery Report,"
2. EIA-801, "Weekly Bulk Terminal Report,"
3. EIA-802, "Weekly Product Pipeline Report,"
4. EIA-803, "Weekly Crude Oil Stocks Report,"
5. EIA-804, "Weekly Imports Report,"
6. EIA-805, "Weekly Terminal Blender Report,"
7. EIA-809, "Weekly Oxygenate Report,"
8. EIA-810, "Monthly Refinery Report,"
9. EIA-812, "Monthly Product Pipeline Report,"
10. EIA-813, "Monthly Crude Oil Report,"
11. EIA-814, "Monthly Imports Report,"
12. EIA-815, "Monthly Terminal Blender Report,"
13. EIA-816, "Monthly Natural Gas Liquids Report"
14. EIA-817, "Monthly Tanker and Barge Movement Report"
15. EIA-819, "Monthly Oxygenate Report"
16. EIA-820, "Annual Refinery Report."

Both weekly and monthly surveys are administered at six key points along the petroleum production and supply chain: (1) refineries, fractionators, and gas processing plants, (2) bulk terminals and blenders, (3) crude oil and product pipelines, (4) crude oil stock holders, (5) importers, and (6) oxygenate plants. Monthly surveys also include inter-PAD District movements by pipelines, tankers, and barges. Weekly surveys do not capture petroleum movements.

Data collected weekly using Forms EIA-800 through EIA-805 and EIA-809 are similar to, though less detailed than, the data collected monthly using Forms EIA-810, EIA-812 through EIA-815 and 819. Respondents reporting to the weekly surveys constitute a sample of those reporting on the monthly surveys.

Annual U.S. refinery capacity data are collected on the Form EIA-820, "Annual Refinery Report." The EIA-820 data are published in the annual "Refinery Capacity Report."

### B. Monthly Supply Survey Description and Methodology

#### (1.) Description of Surveys Forms

Copies of the survey forms and instructions can be found at: [http://www.eia.doe.gov/oil\\_gas/petroleum/survey\\_forms/pet\\_survey\\_forms.html](http://www.eia.doe.gov/oil_gas/petroleum/survey_forms/pet_survey_forms.html)

The Form EIA-810, "Monthly Refinery Report," collects data on refinery input and capacity, sulfur content and API gravity of crude oil, and data on supply (beginning stocks, receipts, and production) and disposition (inputs, shipments, fuel use and losses, and ending stocks) of crude oil and refined products. Working and shell storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-812, "Monthly Product Pipeline Report," collects data on end-of-month stocks and movements of petroleum products transported by pipeline. Intermediate movements for pipeline systems operating in more than two PAD Districts are included. Product pipeline tank storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-813, "Monthly Crude Oil Report," collects data on end-of-month stock levels of crude oil held at pipeline and tank farms (associated with the pipelines) and terminals operated by the reporting company. Also, crude oil consumed by pipelines and on leases as pump fuel, boiler fuel, etc., is reported. Data are reported on a PAD District basis. Total Alaskan crude oil stocks in-transit by water (including stocks held at transshipment terminals between Alaska and the continental United States) to the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands are also reported by the transporting company having custody of the stocks. Inter-PAD District movements of crude oil by pipeline are collected by the shipping and receiving PAD District. Intermediate movements for pipeline systems operating in more than two PAD Districts are not included. Crude oil storage capacity of tank farms is collected on a semi-annual basis.

The Form EIA-814, "Monthly Imports Report," collects data on imports of crude oil and petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands, and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), and (3) from Puerto Rico, the Virgin Islands, and other U.S. possessions into the 50 States and the District of Columbia. Imports into Foreign Trade Zones located in the 50 States and the District of Columbia are considered imports into the 50 States and the District of Columbia.

The type of commodity, port of entry, country of origin, quantity (thousand barrels), sulfur percent by weight, API gravity, and name and location of the processing or storage facility are reported. Sulfur percent by weight is requested for crude oil, crude oil burned as fuel, and residual fuel oil only. API gravity is requested for crude oil only. The name and location of the processing or storage facility is requested for crude oil, unfinished oils, and gasoline blending components only.

The Form EIA-815, "Monthly Terminal Blender Report," collects data on the operations of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and fuel use and losses during the month are collected from operators of terminals. Working and shell storage capacity is collected on a semi-annual basis.

The Form EIA-816, "Monthly Natural Gas Liquids Report," collects data on the operations of natural gas processing plants and fractionators. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and plant fuel use and losses during the month are collected from operators of natural gas processing plants. End-of-month stocks are collected from fractionators.

The Form EIA-817, "Monthly Tanker and Barge Movement Report," collects data on the movements of crude oil and petroleum products between PAD Districts. Data are reported by shipping and receiving PAD District and sub-PAD District. Shipments to and from the Panama Canal are also included if the shipment was delivered to the Canal.

The Form EIA-819, "Monthly Oxygenate Report" collects facility-level data on oxygenate inputs, production, gasoline blending at ethanol plants, and end-of-month stocks. Data on end-of-month stocks are reported on a custody basis regardless of ownership. Fuel ethanol storage capacity is collected on a semi-annual basis.

## (2.) Frame

EIA maintains complete lists of respondents to its monthly surveys. Each survey has a list of companies and facilities required to submit petroleum activity data. This list is known as the survey frame. Frame maintenance procedures are used to monitor the status of petroleum companies and facilities currently contained in each survey frame as well as to identify new members to be added to the frame. As a result, all known petroleum supply organizations falling within the definition of "Who Must Submit" participate in the survey.

The activities for frames maintenance are conducted on an ongoing basis. Monthly frames maintenance procedures focus on examining industry periodicals that report changes in status (births, deaths, sales, mergers, and acquisitions) of petroleum facilities producing, transporting, importing, and/or storing crude oil and petroleum products. Augmenting these sources are articles in newspapers, notices from respondents, and information received from survey systems operated by other

offices. Survey managers review these sources regularly to monitor changes in company operations and to develop lists of potential respondents. These activities assure coverage of the reporting universe and maintain accurate facility information on addresses and ownership.

Respondents to Form EIA-810, "Monthly Refinery Report" include operators of all operating and idle petroleum refineries located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions.

Respondents to Form EIA-812, "Monthly Product Pipeline Report" include all product pipeline companies that carry petroleum products (including interstate, intrastate, and intra-company pipelines) in the 50 States and the District of Columbia.

Respondents to Form EIA-813, "Monthly Crude Oil Report" include all companies which carry or store 1,000 barrels or more of crude oil. Included in this survey are gathering and trunk pipeline companies (including interstate, intrastate, and intra-company pipelines), crude oil producers, terminal operators, storers of crude oil (except refineries), and companies transporting Alaskan crude oil by water in the 50 States and the District of Columbia.

Respondents to Form EIA-814, "Monthly Imports Report" include each importer of record (or Ultimate consignee in some situations regarding Canadian imports) that import crude oil or petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), (3) into Foreign Trade Zones located in the 50 States and the District of Columbia and (4) from Puerto Rico, the Virgin Islands and other U.S. possessions into the 50 States and the District of Columbia. A report is required only if there has been an import during the month unless the importer has been selected as part of a sample to report every month regardless of activity.

Respondents to Form EIA-815, "Monthly Terminal Blender Report" include operators of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions must report. A bulk terminal is primarily used for storage, marketing, and often blending of petroleum products and has a total bulk storage capacity of 50,000 barrels or more, and/or receives petroleum products by tanker, barge, or pipeline. Bulk terminal facilities associated with a product pipeline are included.

Respondents to Form EIA-816, "Monthly Natural Gas Liquids Report" include operators of all facilities that extract liquid hydrocarbons from a natural gas stream (natural gas processing plant) and/or separate a liquid hydrocarbon stream into its component products (fractionator).

Respondents to Form EIA-817, "Monthly Tanker and Barge Movement Report" include all companies that have custody of crude oil or petroleum products transported by tanker or barge between Petroleum Administration for Defense Districts

and all companies that have custody of crude oil or petroleum products originating from a PAD District and transported to the Panama Canal with the intent that the crude oil or petroleum products be further transported to another PAD District.

For purposes of this report, custody is defined as physical possession of crude oil or petroleum products on a company-owned tanker or barge. Also, companies that lease vessels or contract for the movement of crude oil or petroleum products on a tanker or barge between PAD Districts are considered to have custody.

Respondents to Form EIA-819, "Monthly Oxygenate Report" include all operators of facilities that produce (manufacture or distill) oxygenates (including MTBE plants, petrochemical plants, and refineries that produce oxygenates as part of their operations located in the 50 States and the District of Columbia.)

### (3.) Collection

Survey data for the MPSRS are collected by facsimile, email, Internet using secure file transfer, and electronic transmission. All respondents must submit their data by the 20th calendar day following the end of the report month. Receipt of the reports is monitored using an automated respondent mailing list. Telephone follow-up calls are made to nonrespondents prior to the publication deadline. Respondents who are chronically late (i.e., 3 consecutive months) are notified by EIA by certified letter.

### (4.) Processing and Micro Editing

Upon receipt, all reported data are transformed into a standard format and sent through a log-in and prescreening process to validate respondent control information and resolve any discrepancies. The data are then processed using generalized edit and imputation procedures. Automated editing procedures check current data for consistency with past data and for internal consistency (e.g., totals equal to the sums of the parts). After the edit failures are resolved and imputation performed for nonrespondents, preliminary tables are produced and used to identify anomalies. These tables show U.S. and PAD District estimates for the current month and the prior 4 years. Anomalies result in further review of respondent data which in turn may result in additional flagged data and imputation.

### (5.) Estimation and Imputation

The eight monthly supply surveys are census surveys. As such, the estimates using these data are the sum of the edited, reported data. Imputation is performed for companies that fail to file Forms EIA-810, 812, 813, 815, 816, and 819. For these companies, previous monthly values and values reported on the weekly survey forms are used if available. Data for nonrespondents to the Forms EIA-814 and 817 are not imputed because respondent-level data for these surveys are highly variable.

Adjustments are made to aggregate data from time to time. For example, unusual industry conditions, including fuel

transitions, business practice shifts, or hurricane dislocations, may generate reporting anomalies and require adjustments. Measurement error and frame deficiencies may occasionally result in inconsistencies when individual respondent data are aggregated to publication levels and require adjustment. Monthly supply data are reviewed throughout the year and some estimates may be replaced with newly available or resubmitted respondent data in the Petroleum Supply Annual (PSA).

### (6.) Macro Editing

Monthly data are compared to weekly data on a regular basis. Discrepancies between weekly and monthly data are documented and respondents are called when discrepancies are either large (usually over 300 thousand barrels) or consistent (e.g., weekly data are always lower than monthly data). In addition, a comparison of the data collected on the PSRS with other similar data series from sources outside of the EIA is performed on an ongoing basis. Results of selected data comparisons are published once a year in the feature article, "Comparison of Independent Statistics on Petroleum Supply." Additional comparisons are made between survey data and model results. Data reported in the Petroleum Supply Monthly and Petroleum Supply Annual are routinely imputed to correct for cases where comparison with other data suggests errors in survey data.

### (7.) Dissemination

The *PSM* data are normally released within 60 days of the close of the reference month. The *PSM* is available on the web at:

[http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/petroleum\\_supply\\_monthly/psm.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_monthly/psm.html)

Customers who do not have access to the Internet may call the National Energy Information Center (NEIC) to request a single print-on-demand copy (a black and white bound printed document). To take advantage of this service, call the NEIC at 202-586-8800 or email them at [infoctr@eia.doe.gov](mailto:infoctr@eia.doe.gov). This service is provided free of charge for a single copy. NEIC will not accept or print multiple copy orders.

Much of the *PSM* data are available on the web product, Petroleum Navigator. Petroleum Navigator provides an interface for accessing a comprehensive set of EIA's petroleum data. Features include: downloadable spreadsheets containing complete data history, data tables which "pivot" to present different perspectives, and selection boxes to easily change the product, area, process, period, and unit of measure. Petroleum Navigator can be accessed at:

[http://tonto.eia.doe.gov/dnav/pet/pet\\_sum\\_top.asp](http://tonto.eia.doe.gov/dnav/pet/pet_sum_top.asp)

The Petroleum Supply and Disposition table displaying all the components of supply and disposition for all products on one page in a given period can be found at:

[http://tonto.eia.doe.gov/dnav/pet/pet\\_sum\\_snd\\_d\\_nus\\_mdbl\\_m\\_cur.htm](http://tonto.eia.doe.gov/dnav/pet/pet_sum_snd_d_nus_mdbl_m_cur.htm)

Annual petroleum supply statistics compiled from the latest monthly data, Census export, and MMS crude oil production data are released in two volumes. The *PSA, Volume 1* contains final annual data for the supply and disposition of crude oil and petroleum products.

[http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/petroleum\\_supply\\_annual/psa\\_volume1/psa\\_volume1.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume1/psa_volume1.html)

The *PSA, Volume 2* contains final monthly statistics for the supply and disposition of crude oil and petroleum products.

[http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/petroleum\\_supply\\_annual/psa\\_volume2/psa\\_volume2.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume2/psa_volume2.html)

### C. Derived Data

Due to the time constraints in publishing monthly petroleum supply statistics and the desire to reduce industry response burden, some of the statistics published in the PSM are obtained from sources other than the monthly supply surveys. These other sources include models to data and data from supplemental sources such as the Bureau of the Census.

#### (1.) Domestic Crude Oil Production

In order to present timelier crude oil production estimates, the EIA prepares a weekly crude oil production estimate that is published in the Weekly Petroleum Status Report (WPSR). At the end of the production month, weekly crude oil production estimates are aggregated into an original estimate of monthly crude oil production. The original monthly estimate of crude oil production for the U.S. and the State of Alaska is published in Table 3.1 of the Monthly Energy Review (*MER*).

A month later, the original estimate is replaced by an interim estimate of U.S., PAD District, and Alaskan crude oil production for the current reference month which is published in Tables 1 through 25 of the *PSM*. The interim estimates for the current reference month are based on:

- (a.) crude oil production data reported to the EIA by State government conservation agencies;
- (b.) first purchase data reported on Form EIA-182, "Domestic Crude Oil First Purchase Report;" All States except Michigan, New York, Ohio, and Pennsylvania report production on a monthly basis. These four States report crude oil production on an annual basis. Estimates of monthly crude oil production for these four States are made by the EIA using data reported on Form EIA-182;
- (c.) exponential or hyperbolic curve fitted projections based on recent State data; or
- (d.) constant level projections based on the average production rate during a recent time period.

There is a time lag of approximately 4 months between the end of the production month and the time when most monthly State crude oil production data become available. State-level production estimates are published in Table 26, "Production of Crude Oil by PAD District and State." The State level estimates in Table 26 are two month's behind the U.S. and PAD District level estimates in Tables 1-25.

Table 26 contains an adjustment row for each PAD District to reconcile the national and PAD District level totals created by summing the State estimates in Table 26 with the national and PAD District estimates previously published in Tables 1-25. Data on crude oil production for Federal offshore areas are reported to the EIA by the Minerals Management Service of the U.S. Department of the Interior and the California Department of Conservation and are also shown in Table 26.

After the end of each calendar year, the monthly crude oil production estimates are updated using annual reports from various State agencies, the Minerals Management Service, and the California Department of Conservation. Revised data at the State, PAD District, and national levels are published without adjustments in the *PSA*. Updates received after the *PSA* is released are published in Appendix D "Revised Crude Oil Production" in Volume 1 of the following year's *PSA*.

The table below illustrates when and where crude oil production data are available. For example, crude oil production data for the month of June is first available in the following publication:

<u>Publication containing June Data:</u>	<u>Geographic Level</u>
June WPSR (weekly data)	U.S., Alaska
July MER	U.S., Alaska
August PSM	<b>Revised</b> U.S., PAD District, Alaska
October PSM	Alaska with North Slope and South breakouts, State-level for selected States, State and Federal Offshore

#### (2.) Exports

The U.S. Bureau of the Census compiles the official U.S. export statistics. Exporters are required to file a "Shipper's Export Declaration Document" with the U.S. Census Bureau. Each month the EIA receives aggregated export statistics from the U.S. Bureau of the Census (EM-522 and EM-594). Census export statistics used in the PSM reflect both government and non-governmental exports of domestic and foreign merchandise from the United States (the 50 States and the District of Columbia) to foreign countries and U.S. possessions, without regard to whether the exportation involves a commercial transaction. The following types of transactions are excluded from the statistics:

- Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.
- Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

### (3.) Stocks of Crude Oil on Leases

This adjustment corrects for incomplete survey coverage of companies that store crude oil on leases. Up until 1983, monthly state government data on lease stocks were substituted for EIA data wherever possible in order to rectify the understatement of lease crude oil stocks. State data were available from three states - Texas, New Mexico, and Montana. To calculate the "lease adjustment," a comparison between EIA reported data and the state government data was made and the difference added to the EIA data for the respective states.

In 1983, the EIA modified the Form EIA-813 to eliminate state data on crude oil stocks and began collecting crude oil stock data by Petroleum Administration for Defense (PAD) District. With this change, the "lease adjustment" could no longer be calculated on a state basis and was changed to a PAD District level. To adjust for this incomplete coverage, 10,300 thousand barrels of crude oil are added to PAD District 3 stocks and 330 thousand barrels are added to PAD District 4 stocks.

### (4.) Trans-Alaska Pipeline System (TAPS) Natural Gas Plant Liquids (NGPL Adjustment)

The TAPS-NGPL adjustment corrects for overstatement of crude oil receipts and input at refineries due to NGPL injection into Alaskan crude oil transported in TAPS. Natural gas processing plants in Alaska produce substantial volumes of NGPL that are added to crude oil transported through TAPS. Refiners have been unable to separate the volume of NGPL from Alaskan crude oil when reporting crude oil receipts and inputs to EIA. The TAPS-NGPL adjustment subtracts Alaskan NGPL production reported by selected gas processing plant operators from crude oil receipts and inputs reported by refiners. Adjusted NGPL production is added to refinery receipts and inputs of NGPL. The adjusted NGPL barrels are allocated to PAD Districts based on the regional distribution of receipts of Alaskan crude oil. Data most affected by the TAPS-NGPL adjustment are receipts and inputs of crude oil in PAD District 5 and receipts, inputs, and product supplied of butane and pentanes plus also in PAD District 5.

NGPL injections into crude oil transported in the TAPS started in 1987. The TAPS-NGPL adjustment was first applied to

revised data reported in the Petroleum Supply Annual (PSA) for 1988.

### (5.) Finished Motor Gasoline Adjustment

Adjustment quantities for finished motor gasoline are the sum of motor gasoline blending components, fuel ethanol, and methyl tertiary butyl ether (MTBE) adjustments reclassified to finished motor gasoline. Finished motor gasoline adjustment quantities are assumed to reflect gasoline blending activity that was not reported on surveys.

- Adjustment quantities for finished reformulated motor gasoline include adjustments for reformulated blendstock for oxygenate blending (RBOB) plus a percentage of gasoline treated as blendstock (GTAB), "other" motor gasoline blending components, fuel ethanol, and MTBE. The quantity of GTAB and "other" motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline is based on the ratio of finished reformulated motor gasoline net production divided by total finished motor gasoline net production reported on surveys by refiners and blenders in each PAD District. Motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline are further classified as blended with alcohol (i.e. fuel ethanol), blended with ether (i.e. MTBE), or non-oxygenated during 2009.

Starting with data for January 2010, motor gasoline blending component adjustment quantities were classified only as blended with fuel ethanol and "other". During 2009, RBOB adjustment quantities were classified based on the product description that included reference to the oxygenate to be blended. Beginning with data for January 2010, all RBOB is reported in one product category without reference to specific oxygenates, and all RBOB adjustment quantities are assumed blended with fuel ethanol. During 2009, adjustment quantities for GTAB and "other" motor gasoline blending components reclassified to finished reformulated gasoline were further classified as blended with ether, blended with alcohol, or non-oxygenated based on the ratio of production of these products in reported survey data. After determining adjustment quantities of motor gasoline blending components reclassified to each type of finished reformulated motor gasoline, portions of the fuel ethanol and MTBE adjustments were reclassified to reformulated motor gasoline. The fuel ethanol quantity reclassified to finished reformulated motor gasoline was determined using the ratio of fuel ethanol blended into finished motor gasoline calculated from fuel ethanol blending data reported on survey forms by PAD District. For example, if the calculated volumetric fuel ethanol blend ratio was 10%, then a quantity of the fuel ethanol adjustment sufficient to make a 10% blend with the available motor gasoline blending components is reclassified to finished

reformulated motor gasoline, but the quantity of fuel ethanol cannot exceed the total quantity of the fuel ethanol adjustment. During 2009, a similar process was followed for allocating the MTBE adjustment to reformulated motor gasoline except the blend ratio was assumed to be 12% in all PAD Districts. Starting with data for January 2010, the entire MTBE adjustment quantity is assumed to be blended with finished conventional motor gasoline.

- Adjustment quantities for finished conventional motor gasoline include adjustments for conventional blendstock for oxygenate blending (CBOB) plus the portion of GTAB, “other” motor gasoline blending components, fuel ethanol and MTBE adjustments that were not reclassified to finished reformulated motor gasoline. The total adjustment to finished conventional motor gasoline is further classified as finished conventional gasoline blended with fuel ethanol and “other” finished conventional motor gasoline. The quantity of the finished conventional motor gasoline adjustment reclassified as finished conventional motor gasoline blended with fuel ethanol is determined using the quantity of the fuel ethanol adjustment allocated to finished conventional motor gasoline and the fuel ethanol blend ratio calculated from fuel ethanol blending reported on surveys by PAD District. For example, if the fuel ethanol blend ratio calculated from survey data was 10% in a PAD District, then the total adjustment quantity of finished conventional motor gasoline in that PAD District would be 10 times the fuel ethanol adjustment quantity allocated to finished conventional gasoline (i.e. the adjustment to finished conventional motor gasoline blended with fuel ethanol includes 10% fuel ethanol and 90% gasoline from the motor gasoline blending components adjustment). The MTBE adjustment allocated to finished conventional motor gasoline is simply added to the adjustment for “other” finished conventional motor gasoline.

- Fuel ethanol adjustment quantities frequently exceed the volume of fuel ethanol needed to achieve a blend ratio implied by blending activity reported by refiners and blenders on surveys when considering only the gasoline barrels available from the motor gasoline blending components adjustment. In this case, “other” finished conventional motor gasoline is reclassified by the adjustment to finished conventional motor gasoline blended with alcohol in order to maintain an ethanol blend ratio equal to the fuel ethanol blend ratio reported by refiners and blenders in each PAD District.

#### (6.) Motor Gasoline Blending Components Adjustment

Adjustment quantities for motor gasoline blending components at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports and renewable fuels and oxygenate plant net production (i.e. motor

gasoline blending components use as denaturant for fuel ethanol production). Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Motor gasoline blending components adjustments are calculated for reformulated blendstock for oxygenate blending (RBOB), conventional blendstock for oxygenate blending (CBOB), gasoline treated as blendstock (GTAB), and “other” motor gasoline blending components. Product supplied for motor gasoline blending components is assumed to always equal zero because there is no end-user demand for motor gasoline blending components as anything other than finished motor gasoline. Motor gasoline blending components adjustment quantities are assumed to reflect finished motor gasoline blending implied by the supply and disposition balance but not reported on surveys. Adjustment quantities for motor gasoline blending components are reclassified to finished motor gasoline and added to the finished motor gasoline adjustment.

#### (7.) Renewable Fuels including Fuel Ethanol Adjustment

Adjustment quantities for renewable fuels (including fuel ethanol) at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Calculation of adjustment quantities by PAD District depends on the product. Individual products include fuel ethanol, biomass based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). Product supplied for renewable fuels (including fuel ethanol) is assumed equal to zero. Adjustments for fuel ethanol and “other” renewable fuels are discussed separately below.

- Fuel ethanol adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of fuel ethanol between PAD Districts, and so allocation of fuel ethanol adjustments to PAD Districts is based on the ratio of fuel ethanol blending reported on surveys in each PAD District divided by fuel ethanol blending reported on surveys for the entire U.S. In this case, Fuel ethanol implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Fuel ethanol implied net receipts are the balancing item between total supply and disposition in each PAD District. Fuel ethanol adjustment quantities are assumed to reflect blending of fuel ethanol into finished motor gasoline that is implied by the available supply of fuel ethanol but not reported on surveys. Fuel ethanol adjustment volumes are reclassified to finished reformulated motor gasoline and finished conventional motor gasoline through finished motor gasoline adjustments.



◦ The product category called “renewable fuels except fuel ethanol” includes biomass-based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). Renewable fuels except fuel ethanol adjustment quantities at the U.S. and PAD District levels are calculated as the sum of stock change, refinery and blender net input, and exports minus imports. Data for production of Renewable Fuels except Fuel Ethanol is unavailable and is excluded from Renewable Fuels and Oxygenate Plant Net Production. Therefore the calculation of adjustments to Renewable Fuels except Fuel Ethanol causes production to be included in the adjustment. Similarly, the calculation causes net inter-PAD District movements (i.e. net receipts) by rail and truck to also be included in adjustments to renewable fuels except fuel ethanol.

#### (8.) Distillate Fuel Oil Adjustment

Adjustment quantities for distillate fuel oil show reclassification by pipeline operators of distillate fuel oil with sulfur content of 15 ppm and under to distillate fuel oil with sulfur content greater than 15 ppm to 500 ppm (inclusive). Reclassification may occur when distillate product with sulfur content of 15 ppm and under becomes mixed with products having higher sulfur content during pipeline transportation, storage, or handling. Adjustment quantities are reported by pipeline operators on Form EIA-812 “Monthly Product Pipeline Report.”

#### (9.) Crude Oil Adjustment

Adjustment quantities for crude oil are derived to balance crude oil supply and disposition. Crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report” in data through December 2009. Reporting crude oil used directly was discontinued on Form EIA-813 after collection of data for December 2009. Crude oil product supplied is assumed equal to zero beginning with data for January 2010. Undercounting crude oil imports in survey data is one example of a typical cause of crude oil adjustments. This results in a positive crude oil adjustment because crude oil disposition (i.e. the sum of stock change, refiner inputs, and exports) will exceed available supply (i.e. the sum of field production and imports) due to import undercounting. Crude oil losses are included in crude oil adjustment quantities. The crude oil adjustment was formerly called unaccounted-for crude oil. The name change was effective with data for January 2005.

#### (10.) Other Hydrocarbon Adjustment

Adjustment quantities for “other” hydrocarbons equal the sum of stock change, refinery and blender net inputs and exports minus imports. “Other” hydrocarbons product supplied is assumed equal to zero. Adjustment quantities account for “other” hydrocarbons produced outside of refineries. There are no movements data collected on surveys for “other” hydrocarbons. Therefore, adjustment quantities include any net receipts of “other” hydrocarbons resulting from inter-PAD

District movements.

#### (11.) Hydrogen Adjustment

Adjustment quantities for hydrogen equal refinery and blender net input of hydrogen. Hydrogen product supplied is assumed equal to zero. Adjustment quantities account for hydrogen supplied to U.S. refineries from non-refinery sources. There are no movements data collected on surveys for hydrogen. Therefore, adjustment quantities at the PAD District level include any net receipts of hydrogen resulting from inter-PAD District movements.

#### (12.) Oxygenates (excluding fuel ethanol) Adjustment

Adjustment quantities for oxygenates (excluding fuel ethanol) equal the sum of stock change, refinery and blender net inputs, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Product supplied for oxygenates (excluding fuel ethanol) is assumed equal to zero. Methyl tertiary butyl ether (MTBE) is the single largest component of oxygenates (excluding fuel ethanol). Adjustments calculated for MTBE are reclassified to finished motor gasoline and are added to finish motor gasoline supply through the finished motor gasoline adjustment. There are no survey data available for movements of MTBE between PAD Districts. MTBE adjustment quantities are allocated to PAD Districts using ratios equal to the sum of MTBE input and export for each PAD District divided by the sum of MTBE input and export for the U.S. MTBE implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. MTBE implied net receipts are the balancing item between total supply and disposition in each PAD District.

### 3. Quality

#### A. General Discussion

##### (1.) Response Rates

The response rate is generally 98 to 100 percent. Average response rates for the monthly and weekly surveys are published in the annual PSM article “Accuracy of Petroleum Supply Data.” Chronic nonrespondents and late filing respondents are contacted in writing and reminded of their requirement to report. Companies that file late or fail to file are subject to criminal fines, civil penalties, and other sanctions as provided by Section 13(i) of the Federal Energy Administration (FEA) Act.

##### (2.) Non-sampling Errors

There are two types of errors usually associated with data produced from a survey; sampling errors and nonsampling errors. Because the estimates for the monthly surveys are based on a complete census of the frame, there is no sampling error in the data presented. The data, however, are subject to non-sampling errors. Non-sampling errors may arise from a number

of sources including: (1) the inability to obtain data from all companies in the frame (non-response) and the method used to account for non-response, (2) response errors, (3) differences in the interpretation of questions or definitions, (4) mistakes in recording or coding of the data obtained from respondents, and (5) other errors of collection, response, coverage, processing, and estimation.

#### (3.) Resubmissions

Throughout the year, EIA accepts data revisions of monthly data. If a revision to a monthly submission is made after the *PSM* has been published, it is referred to as a resubmission. The final monthly values for the previous year are published in the *PSA*. These values reflect all *PSM* resubmissions and other data corrections. The values contained in the *PSA* are EIA's most accurate measure of petroleum supply activity.

#### (4.) Revision Policy

EIA will disseminate revised monthly PSRS data during the year only if the revision is expected to substantively affect understanding of the U.S. petroleum supply. The decision to disseminate a revision during the year will be based on EIA's judgment of the revision's expected effect. At the end of year, the monthly data are revised to reflect all resubmitted data received during the year. The official final monthly petroleum supply data are included in the *PSA*. When EIA disseminates any revised PSRS data, it will alert users to the affected data value(s) that were revised. Updates to crude oil production data received after the *PSA* is released are published in Appendix D "Revised Crude Oil Production" of Volume 1 of the following year's *PSA*.

### B. Data Assessment

The principal objective of the PSRS is to provide an accurate picture of petroleum industry activities and of the availability of petroleum products nationwide from primary distribution channels. The *PSM* preliminary monthly data serve as leading indicators of the final monthly data published in the *PSA*. The *PSM* monthly data are not expected to have the same level of accuracy as the final monthly data published in the *PSA*. However, the preliminary monthly data are expected to exhibit like trends and product flow characteristic of the final monthly data.

To assess the accuracy of monthly statistics, initial monthly estimates published in the *PSM* are compared with the final monthly aggregates published in the *PSA*. Although final monthly data are still subject to error, they have been thoroughly reviewed and edited, they reflect all revisions made during the year, and they are considered to be the most

accurate data available. The mean absolute percent error provides a measure of the average revisions relative to the aggregates being measured for a variable. The mean absolute percent error for 2007 monthly data was less than 1 percent for 50 of the 66 major petroleum variables analyzed.

### 4. Provisions Regarding Disclosure of Information

All PSRS survey forms, with the exception of the Form EIA-814, "Monthly Imports Report," have the same general disclosure information statement. The information reported on Form EIA-814 will be considered "public information" and may be publicly released in company or individually identifiable form, and will not be protected from disclosure in identifiable form.

The information reported on Forms EIA-810 through 813, 815 through 817, 819, and 820 will be protected and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the Department of Energy (DOE) regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905.

The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another DOE component; to any Committee of Congress, the Government Accountability Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Disclosure limitation procedures are not applied to the statistical data published from this survey's information. Thus, there may be some statistics that are based on data from fewer than three respondents, or that are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable person to estimate the information reported by a specific respondent.

In addition to the use of the information by EIA for statistical purposes, the information may be made available, upon request, to other Federal agencies authorized by law to receive such information for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Company specific data are also provided to other DOE offices for the purpose of examining specific petroleum operations in the context of emergency response planning and actual emergencies.

**Table B1. Finished Motor Gasoline Product Supplied and Gasoline Supply Added by Adjustments to Motor Gasoline Blending Components and Fuel Ethanol, 1997 - 2008**  
(Thousand Barrels per Day)

Item/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1997</b>													
Fuel Ethanol Adj.	39	50	51	46	48	38	59	37	47	69	50	61	50
Motor Gas Blending	-20	61	-27	87	73	113	89	95	115	107	165	80	78
Products Supplied	7,301	7,668	7,796	8,064	8,139	8,288	8,496	8,233	8,023	8,141	7,965	8,065	8,017
<b>1998</b>													
Fuel Ethanol Adj.	66	55	61	55	42	50	49	58	62	71	55	75	58
Motor Gas Blending	84	39	117	140	142	246	111	88	171	89	145	205	132
Products Supplied	7,618	7,711	8,004	8,312	8,279	8,520	8,680	8,568	8,310	8,378	8,167	8,451	8,253
<b>1999</b>													
Fuel Ethanol Adj.	57	52	52	53	50	59	43	54	55	64	66	72	56
Motor Gas Blending	81	-13	20	134	46	214	192	128	102	212	156	165	120
Products Supplied	7,701	8,031	8,128	8,506	8,420	8,886	8,942	8,579	8,305	8,542	8,240	8,859	8,431
<b>2000</b>													
Fuel Ethanol Adj.	60	47	62	62	76	52	68	73	66	74	73	76	66
Motor Gas Blending	255	208	178	158	198	125	80	158	155	107	83	319	169
Products Supplied	7,653	8,291	8,305	8,375	8,661	8,824	8,642	8,921	8,518	8,417	8,384	8,670	8,472
<b>2001</b>													
Fuel Ethanol Adj.	80	65	61	59	64	40	96	52	71	93	63	58	67
Motor Gas Blending	264	121	289	303	196	210	213	245	196	193	175	252	222
Products Supplied	8,099	8,234	8,532	8,575	8,706	8,690	9,023	8,953	8,557	8,655	8,677	8,585	8,610
<b>2002</b>													
Fuel Ethanol Adj.	60	68	40	75	78	66	66	48	56	58	80	62	63
Motor Gas Blending	184	214	174	233	339	287	269	252	177	172	208	235	229
Products Supplied	8,227	8,607	8,655	8,766	9,078	9,140	9,143	9,313	8,687	8,814	8,829	8,893	8,848
<b>2003</b>													
Fuel Ethanol Adj.	13	49	8	45	38	31	29	44	31	35	41	22	32
Motor Gas Blending	109	174	209	265	354	399	314	375	298	324	281	194	275
Products Supplied	8,414	8,525	8,602	8,838	9,042	9,170	9,192	9,411	8,926	9,108	8,946	9,011	8,935
<b>2004</b>													
Fuel Ethanol Adj.	17	21	7	36	36	53	25	32	37	29	25	27	29
Motor Gas Blending	217	393	469	574	464	609	466	493	489	372	347	265	429
Products Supplied	8,705	8,838	9,024	9,126	9,179	9,322	9,357	9,327	9,015	9,097	9,055	9,206	9,105
<b>2005</b>													
Fuel Ethanol Adj.	37	31	24	32	39	54	47	55	40	45	50	47	42
Motor Gas Blending	357	251	200	222	337	310	460	455	382	360	239	436	335
Products Supplied	8,775	8,798	8,996	9,130	9,257	9,380	9,451	9,454	8,897	9,013	9,079	9,246	9,125
<b>2006</b>													
Fuel Ethanol Adj.	33	37	48	36	23	40	27	44	51	32	52	37	38
Motor Gas Blending	278	226	406	486	714	207	663	432	649	539	645	689	497
Products Supplied	8,727	8,836	9,129	9,140	9,312	9,440	9,583	9,585	9,222	9,286	9,160	9,335	9,233
<b>2007</b>													
Fuel Ethanol Adj.	68	51	58	62	67	73	84	95	51	93	100	113	76
Motor Gas Blending	512	462	607	674	608	473	627	553	544	534	689	535	569
Products Supplied	8,891	9,025	9,169	9,232	9,429	9,510	9,622	9,592	9,244	9,250	9,249	9,249	9,290
<b>2008</b>													
Fuel Ethanol Adj.	117	118	118	163	134	117	99	107	156	93	76	108	117
Motor Gas Blending	223	259	246	138	402	371	331	448	376	171	417	77	288
Products Supplied	8,814	8,842	9,069	9,117	9,216	9,071	9,072	9,090	8,469	8,986	8,889	8,921	8,964

Adjustments to finished motor gasoline, motor gasoline blending components, fuel ethanol, and Methyl Tertiary Butyl Ether (MTBE) are available in Petroleum Navigator.

[http://tonto.eia.doe.gov/dnav/pet/pet\\_sum\\_snd\\_d\\_nus\\_mbbldpd\\_m\\_cur.htm](http://tonto.eia.doe.gov/dnav/pet/pet_sum_snd_d_nus_mbbldpd_m_cur.htm)

Note: Totals may not equal sum of components due to independent rounding.

Sources: Annual Averages, 1997 – 2007, Energy Information Administration (EIA) Petroleum Supply Annual, Volume 1 (table 2), Monthly Data, 1997-2007, Petroleum Supply Annual, Volume 2 (table 2), Annual Average, 2008, Petroleum Supply Monthly, February 2009 issue (table 4), Monthly Data, 2008, Petroleum Supply Monthly, (table 3).

## Appendix D

### Northeast Heating Oil Reserve

Information on the Northeast Heating Oil Reserve is available from the U.S. Department of Energy Office of Petroleum Reserves web site at <http://www.fossil.energy.gov/programs/reserves/heatingoil/>.

Northeast Heating Oil Reserve inventories classified as “Distillate Fuel Oil - Greater than 0.05 percent sulfur” are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil supply and disposition statistics in Energy Information Administration publications, such as the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

### Northeast Heating Oil Reserve (Thousand Barrels)

Terminal Operator	Location	Week Ending December 3, 2010
Amerada Hess Corp.	Perth Amboy, NJ	984
Amerada Hess Corp.	Groton, CT	250
Morgan Stanley	New Haven, CT	750

Source: Energy Information Administration

# Definitions of Petroleum Products and Other Terms

(Revised May 2010)

**Alcohol.** The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group;  $\text{CH}_3\text{-(CH}_2\text{)}_n\text{-OH}$  (e.g., methanol, ethanol, and tertiary butyl alcohol).

**Alkylate.** The product of an alkylation reaction. It usually refers to the high octane product from alkylation units. This alkylate is used in blending high octane gasoline.

**Alkylation.** A refining process for chemically combining isobutane with olefin hydrocarbons (e.g., propylene, butylene) through the control of temperature and pressure in the presence of an acid catalyst, usually sulfuric acid or hydrofluoric acid. The product, alkylate, an isoparaffin, has high octane value and is blended with motor and aviation gasoline to improve the antiknock value of the fuel.

**All Other Motor Gasoline Blending Components. See Motor Gasoline Blending Components.**

**API Gravity.** An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Degrees API} = \frac{141.5}{\text{sp. gr. @ } 60^\circ \text{ F}} - 131.5$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

**Aromatics.** Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene, and xylene (BTX).

**Asphalt.** A dark-brown-to-black cement-like material containing bitumens as the predominant constituent obtained by petroleum processing; used primarily for road construction. It includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. Note: The conversion factor for asphalt is 5.5 barrels per short ton.

**ASTM.** The acronym for the American Society for Testing and Materials.

**Atmospheric Crude Oil Distillation.** The refining process of separating crude oil components at atmospheric pressure by heating to temperatures of about 600 degrees Fahrenheit to 750 degrees Fahrenheit (depending on the nature of the crude oil and desired products) and subsequent condensing of the fractions by cooling.

**Aviation Gasoline (Finished).** A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives,

blended to form a fuel suitable for use in aviation reciprocating engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. Note: Data on blending components are not counted in data on finished aviation gasoline.

**Aviation Gasoline Blending Components.** Naphthas which will be used for blending or compounding into finished aviation gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus. Oxygenates are reported as other hydrocarbons, hydrogen, and oxygenates.

**Barrel.** A unit of volume equal to 42 U.S. gallons.

**Barrels Per Calendar Day.** The amount of input that a distillation facility can process under usual operating conditions. The amount is expressed in terms of capacity during a 24-hour period and reduces the maximum processing capability of all units at the facility under continuous operation (see **Barrels per Stream Day**) to account for the following limitations that may delay, interrupt, or slow down production:

the capability of downstream facilities to absorb the output of crude oil processing facilities of a given refinery. No reduction is made when a planned distribution of intermediate streams through other than downstream facilities is part of a refinery's normal operation;

the types and grades of inputs to be processed;

the types and grades of products expected to be manufactured;

the environmental constraints associated with refinery operations;

the reduction of capacity for scheduled downtime due to such conditions as routine inspection, maintenance, repairs, and turnaround; and

the reduction of capacity for unscheduled downtime due to such conditions as mechanical problems, repairs, and slowdowns.

**Barrels Per Stream Day.** The maximum number of barrels of input that a distillation facility can process within a 24-hour period when running at full capacity under optimal crude and product slate conditions with no allowance for downtime.

**Benzene ( $\text{C}_6\text{H}_6$ ).** An aromatic hydrocarbon present in small proportion in some crude oils and made commercially from petroleum by the catalytic reforming of naphthenes in petroleum naphtha. Also made from coal in the manufacture of coke. Used as a solvent, in manufacturing detergents, synthetic fibers, and petrochemicals and as a component of high-octane gasoline.

**Biomass-Based Diesel Fuel.** Biodiesel and other renewable diesel fuel or diesel fuel blending components derived from biomass,

but excluding renewable diesel fuel coprocessed with petroleum feedstocks.

**Blending Components.** See *Motor or Aviation Gasoline Blending Components*.

**Blending Plant.** A facility which has no refining capability but is either capable of producing finished motor gasoline through mechanical blending or blends oxygenates with motor gasoline.

**Bonded Petroleum Imports.** Petroleum imported and entered into Customs bonded storage. These imports are not included in the import statistics until they are: (1) withdrawn from storage free of duty for use as fuel for vessels and aircraft engaged in international trade; or (2) withdrawn from storage with duty paid for domestic use.

**BTX.** The acronym for the commercial petroleum aromatics benzene, toluene, and xylene. See individual categories for definitions.

**Bulk Station.** A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of less than 50,000 barrels and receives its petroleum products by tank car or truck.

**Bulk Terminal.** A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of 50,000 barrels or more and/or receives petroleum products by tanker, barge, or pipeline.

**Butane ( $C_4H_{10}$ ).** A normally gaseous straight-chain or branch-chain hydrocarbon extracted from natural gas or refinery gas streams. It includes normal butane and refinery-grade butane and is designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

**Normal Butane ( $C_4H_{10}$ ).** A normally gaseous straight-chain hydrocarbon that is a colorless paraffinic gas which boils at a temperature of 31.1 degrees Fahrenheit and is extracted from natural gas or refinery gas streams.

**Refinery-Grade Butane ( $C_4H_{10}$ ).** A refinery-produced stream that is composed predominantly of normal butane and/or isobutane and may also contain propane and/or natural gasoline. These streams may also contain significant levels of olefins and/or fluorides contamination.

**Butylene ( $C_4H_8$ ).** An olefinic hydrocarbon recovered from refinery processes.

**Captive Refinery Oxygenate Plants.** Oxygenate production facilities located within or adjacent to a refinery complex.

**Catalytic Cracking.** The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of gasoline from crude oil. Catalytic cracking processes fresh feeds and recycled feeds.

**Fresh Feeds.** Crude oil or petroleum distillates which are being fed to processing units for the first time.

**Recycled Feeds.** Feeds that are continuously fed back for additional processing.

**Catalytic Hydrocracking.** A refining process that uses hydrogen and catalysts with relatively low temperatures and high pressures for converting middle boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel, and/or high grade fuel oil. The process uses one or more catalysts, depending upon product output, and can handle high sulfur feedstocks without prior desulfurization.

**Catalytic Hydrotreating.** A refining process for treating petroleum fractions from atmospheric or vacuum distillation units (e.g., naphthas, middle distillates, reformer feeds, residual fuel oil, and heavy gas oil) and other petroleum (e.g., cat cracked naphtha, coker naphtha, gas oil, etc.) in the presence of catalysts and substantial quantities of hydrogen. Hydrotreating includes desulfurization, removal of substances (e.g., nitrogen compounds) that deactivate catalysts, conversion of olefins to paraffins to reduce gum formation in gasoline, and other processes to upgrade the quality of the fractions.

**Catalytic Reforming.** A refining process using controlled heat and pressure with catalysts to rearrange certain hydrocarbon molecules, thereby converting paraffinic and naphthenic type hydrocarbons (e.g., low-octane gasoline boiling range fractions) into petrochemical feedstocks and higher octane stocks suitable for blending into finished gasoline. Catalytic reforming is reported in two categories. They are:

**Low Pressure.** A processing unit operating at less than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

**High Pressure.** A processing unit operating at either equal to or greater than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

**Charge Capacity.** The input (feed) capacity of the refinery processing facilities.

**Coal.** A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

**Commercial Kerosene-Type Jet Fuel.** See *Kerosene-Type Jet Fuel*.

**Conventional Blendstock for Oxygenate Blending (CBOB).** See *Motor Gasoline Blending Components*.

**Conventional Gasoline.** See *Motor Gasoline (Finished)*.

**Crude Oil.** A mixture of hydrocarbons that exists in liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Depending upon the characteristics of the crude stream, it may also include:

Small amounts of hydrocarbons that exist in gaseous phase in natural underground reservoirs but are liquid at atmospheric pressure after being recovered from oil well (casinghead)

gas in lease separators and are subsequently commingled with the crude stream without being separately measured. Lease condensate recovered as a liquid from natural gas wells in lease or field separation facilities and later mixed into the crude stream is also included;

Small amounts of nonhydrocarbons produced from oil, such as sulfur and various metals;

Drip gases, and liquid hydrocarbons produced from tar sands, oil sands, gilsonite, and oil shale.

Liquids produced at natural gas processing plants are excluded. Crude oil is refined to produce a wide array of petroleum products, including heating oils; gasoline, diesel and jet fuels; lubricants; asphalt; ethane, propane, and butane; and many other products used for their energy or chemical content.

Crude oil is considered as either domestic or foreign, according to the following:

**Domestic.** Crude oil produced in the United States or from its Outer continental shelf as defined in 43 USC 1331.

**Foreign.** Crude oil produced outside the United States. Imported Athabasca hydrocarbons (tar sands from Canada) are included.

**Crude Oil, Refinery Receipts.** Receipts of domestic and foreign crude oil at a refinery. Includes all crude oil in transit except crude oil in transit by pipeline. Foreign crude oil is reported as a receipt only after entry through customs. Crude oil of foreign origin held in bonded storage is excluded.

**Crude Oil Losses.** Represents the volume of crude oil reported by petroleum refineries as being lost in their operations. These losses are due to spills, contamination, fires, etc. as opposed to refinery processing losses.

**Crude Oil Production.** The volume of crude oil produced from oil reservoirs during given periods of time. The amount of such production for a given period is measured as volumes delivered from lease storage tanks (i.e., the point of custody transfer) to pipelines, trucks, or other media for transport to refineries or terminals with adjustments for (1) net differences between opening and closing lease inventories, and (2) basic sediment and water (BS&W).

**Crude Oil Qualities.** Refers to two properties of crude oil, the sulfur content and API gravity, which affect processing complexity and product characteristics.

**Delayed Coking.** A process by which heavier crude oil fractions can be thermally decomposed under conditions of elevated temperatures and pressure to produce a mixture of lighter oils and petroleum coke. The light oils can be processed further in other refinery units to meet product specifications. The coke can be used either as a fuel or in other applications such as the manufacturing of steel or aluminum.

**Desulfurization.** The removal of sulfur, as from molten metals, petroleum oil, or flue gases. Petroleum desulfurization is a process that removes sulfur and its compounds from various streams during the refining process. Desulfurization processes include

catalytic hydrotreating and other chemical/physical processes such as adsorption. Desulfurization processes vary based on the type of stream treated (e.g., naphtha, distillate, heavy gas oil, etc.) and the amount of sulfur removed (e.g., sulfur reduction to 10 ppm). See *Catalytic Hydrotreating*.

**Disposition.** The components of petroleum disposition are stock change, crude oil losses, refinery inputs, exports, and products supplied for domestic consumption.

**Distillate Fuel Oil.** A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

**No. 1 Distillate.** A light petroleum distillate that can be used as either a diesel fuel or a fuel oil.

**No. 1 Diesel Fuel.** A light distillate fuel oil that has a distillation temperature of 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See *No. 1 Distillate*.

**No. 1 Fuel Oil.** A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See *No. 1 Distillate*.

**No. 2 Distillate.** A petroleum distillate that can be used as either a diesel fuel or a fuel oil.

**No. 2 Diesel Fuel.** A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See *No. 2 Distillate*.

**Low Sulfur No. 2 Diesel Fuel.** No. 2 diesel fuel that has a sulfur level no higher than 0.05 percent by weight. It is used primarily in motor vehicle diesel engines for on-highway use.

**High Sulfur No. 2 Diesel Fuel.** No. 2 diesel fuel that has a sulfur level above 0.05 percent by weight.

**No. 2 Fuel Oil (Heating Oil).** A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications

defined in ASTM Specification D 396. It is used in atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See **No. 2 Distillate**.

**No. 4 Fuel.** A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms to ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

**No. 4 Diesel Fuel.** See **No. 4 Fuel**.

**No. 4 Fuel Oil.** See **No. 4 Fuel**.

**Electricity (Purchased).** Electricity purchased for refinery operations that is not produced within the refinery complex.

**Ending Stocks.** Primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage.

**ETBE (Ethyl tertiary butyl ether) (CH<sub>3</sub>)<sub>3</sub>COC<sub>2</sub>H<sub>5</sub>.** An oxygenate blend stock formed by the catalytic etherification of isobutylene with ethanol.

**Ethane (C<sub>2</sub>H<sub>6</sub>).** A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 127.48 degrees Fahrenheit. It is extracted from natural gas and refinery gas streams.

**Ether.** A generic term applied to a group of organic chemical compounds composed of carbon, hydrogen, and oxygen, characterized by an oxygen atom attached to two carbon atoms (e.g., methyl tertiary butyl ether).

**Ethylene (C<sub>2</sub>H<sub>4</sub>).** An olefinic hydrocarbon recovered from refinery processes or petrochemical processes. Ethylene is used as a petrochemical feedstock for numerous chemical applications and the production of consumer goods.

**Exports.** Shipments of crude oil and petroleum products from the 50 States and the District of Columbia to foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

**Field Production.** Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, new supply of other hydrocarbons/oxygenates and motor gasoline blending components, and fuel ethanol blended into finished motor gasoline.

**Flexicoking.** A thermal cracking process which converts heavy hydrocarbons such as crude oil, tar sands bitumen, and distillation residues into light hydrocarbons. Feedstocks can be any pumpable hydrocarbons including those containing high concentrations of sulfur and metals.

**Fluid Coking.** A thermal cracking process utilizing the fluidized-solids technique to remove carbon (coke) for continuous conversion of heavy, low-grade oils into lighter products.

**Fresh Feed Input.** Represents input of material (crude oil, unfinished oils, natural gas liquids, other hydrocarbons and oxygenates or finished products) to processing units at a refinery that is being processed (input) into a particular unit for the first time.

Examples:

(1.) Unfinished oils coming out of a crude oil distillation unit which are input into a catalytic cracking unit are considered fresh feed to the catalytic cracking unit.

(2.) Unfinished oils coming out of a catalytic cracking unit being looped back into the same catalytic cracking unit to be reprocessed are not considered fresh feed.

**Fuel Ethanol (C<sub>2</sub>H<sub>5</sub>OH).** An anhydrous alcohol (ethanol with less than 1% water) intended for gasoline blending as described in Oxygenates definition.

**Fuels Solvent Deasphalting.** A refining process for removing asphalt compounds from petroleum fractions, such as reduced crude oil. The recovered stream from this process is used to produce fuel products.

**Gas Oil.** A liquid petroleum distillate having a viscosity intermediate between that of kerosene and lubricating oil. It derives its name from having originally been used in the manufacture of illuminating gas. It is now used to produce distillate fuel oils and gasoline.

**Gasohol.** A blend of finished motor gasoline containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See **Oxygenates**.

**Gasoline Blending Components.** Naphthas which will be used for blending or compounding into finished aviation or motor gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus.

**Gasoline Treated as Blendstock (GTAB).** See **Motor Gasoline Blending Components**.

**Gross Input to Atmospheric Crude Oil Distillation Units.** Total input to atmospheric crude oil distillation units. Includes all crude oil, lease condensate, natural gas plant liquids, unfinished oils, liquefied refinery gases, slop oils, and other liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.



**Heavy Gas Oil.** Petroleum distillates with an approximate boiling range from 651 degrees Fahrenheit to 1000 degrees Fahrenheit.

**High-Sulfur Distillate Fuel Oil.** Distillate fuel oil having sulfur content greater than 500 ppm.

**Hydrogen.** The lightest of all gases, occurring chiefly in combination with oxygen in water; exists also in acids, bases, alcohols, petroleum, and other hydrocarbons.

**Idle Capacity.** The component of operable capacity that is not in operation and not under active repair, but capable of being placed in operation within 30 days; and capacity not in operation but under active repair that can be completed within 90 days.

**Imported Crude Oil Burned As Fuel.** The amount of foreign crude oil burned as a fuel oil, usually as residual fuel oil, without being processed as such. Imported crude oil burned as fuel includes lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

**Imports.** Receipts of crude oil and petroleum products into the 50 States and the District of Columbia from foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

**Isobutane ( $C_4H_{10}$ ).** A normally gaseous branch-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams.

**Isobutylene ( $C_4H_8$ ).** An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

**Isohexane ( $C_6H_{14}$ ).** A saturated branch-chain hydrocarbon. It is a colorless liquid that boils at a temperature of 156.2 degrees Fahrenheit.

**Isomerization.** A refining process which alters the fundamental arrangement of atoms in the molecule without adding or removing anything from the original material. Used to convert normal butane into isobutane ( $C_4$ ), an alkylation process feedstock, and normal pentane and hexane into isopentane ( $C_5$ ) and isohexane ( $C_6$ ), high-octane gasoline components.

**Isopentane.** See *Natural Gasoline and Isopentane*.

**Kerosene.** A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil. See *Kerosene-Type Jet Fuel*.

**Kerosene-Type Jet Fuel.** A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and

turboprop aircraft engines.

**Commercial.** Kerosene-type jet fuel intended for use in commercial aircraft.

**Military.** Kerosene-type jet fuel intended for use in military aircraft.

**Lease Condensate.** A mixture consisting primarily of pentanes and heavier hydrocarbons which is recovered as a liquid from natural gas in lease separation facilities. This category excludes natural gas liquids, such as butane and propane, which are recovered at downstream natural gas processing plants or facilities. See *Natural Gas Liquids*.

**Light Gas Oils.** Liquid Petroleum distillates heavier than naphtha, with an approximate boiling range from 401 degrees Fahrenheit to 650 degrees Fahrenheit.

**Liquefied Petroleum Gases (LPG).** A group of hydrocarbon-based gases derived from crude oil refining or natural gas fractionation. They include: ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, and isobutylene. For convenience of transportation, these gases are liquefied through pressurization.

**Liquefied Refinery Gases (LRG).** Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration, they are retained in the liquid state. The reported categories are ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/isobutylene. Excludes still gas.

**Low-Sulfur Distillate Fuel Oil.** Distillate fuel oil having sulfur content greater than 15 ppm to 500 ppm. Low sulfur distillate fuel oil also includes product with sulfur content equal to or less than 15 ppm if the product is intended for pipeline shipment and the pipeline has a sulfur specification below 15 ppm.

**Lubricants.** Substances used to reduce friction between bearing surfaces or as process materials either incorporated into other materials used as processing aids in the manufacture of other products, or used as carriers of other materials. Petroleum lubricants may be produced either from distillates or residues. Lubricants include all grades of lubricating oils from spindle oil to cylinder oil and those used in greases.

**Merchant Oxygenate Plants.** Oxygenate production facilities that are not associated with a petroleum refinery. Production from these facilities is sold under contract or on the spot market to refiners or other gasoline blenders.

**Methanol ( $CH_3OH$ ).** A light, volatile alcohol intended for gasoline blending as described in Oxygenate definition.

**Middle Distillates.** A general classification of refined petroleum products that includes distillate fuel oil and kerosene.

**Military Kerosene-Type Jet Fuel.** See *Kerosene-Type Jet Fuel*.

**Miscellaneous Products.** Includes all finished products not classified elsewhere (e.g., petrolatum, lube refining byproducts (aromatic extracts and tars), absorption oils, ram-jet fuel, petroleum rocket

fuels, synthetic natural gas feedstocks, and specialty oils). Note: Beginning with January 2004 data, naphtha-type jet fuel is included in Miscellaneous Products.

**Motor Gasoline (Finished).** A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as defined in ASTM Specification D 4814 or Federal Specification VV-G-1690C, is characterized as having a boiling range of 122 to 158 degrees Fahrenheit at the 10 percent recovery point to 365 to 374 degrees Fahrenheit at the 90 percent recovery point. "Motor Gasoline" includes conventional gasoline; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline. Note: E85 is included only in volumetric data on finished motor gasoline production and other components of product supplied.

**Conventional Gasoline.** Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. Note: This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) as well as other blendstock.

**Ed 55 and Lower.** Finished conventional motor gasoline blended with a maximum of 55 volume percent denatured fuel ethanol.

**Greater than Ed55.** Finished conventional motor gasoline blended with denatured fuel ethanol where the volume percent of denatured fuel ethanol exceeds 55%.

**OPRG.** "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area.

**Oxygenated Gasoline (Including Gasohol).** Oxygenated gasoline includes all finished motor gasoline, other than reformulated gasoline, having oxygen content of 2.0 percent or higher by weight. Gasohol containing a minimum 5.7 percent ethanol by volume is included in oxygenated gasoline. Oxygenated gasoline was reported as a separate product from January 1993 until December 2003 inclusive. Beginning with monthly data for January 2004, oxygenated gasoline is included in conventional gasoline. Historical data for oxygenated gasoline excluded Federal Oxygenated Program Reformulated Gasoline (OPRG). Historical oxygenated gasoline data also excluded other reformulated gasoline with a seasonal oxygen requirement regardless of season.

**Reformulated Gasoline.** Finished gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regulations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. It includes gasoline produced to meet or exceed emissions performance and benzene content standards of

federal-program reformulated gasoline even though the gasoline may not meet all of the composition requirements (e.g., oxygen content) of federal-program reformulated gasoline. Note: This category includes Oxygenated Fuels Program Reformulated Gasoline (OPRG). Reformulated gasoline excludes Reformulated Blendstock for Oxygenate Blending (RBOB) and Gasoline Treated as Blendstock (GTAB).

**Reformulated (Blended with Alcohol).** Reformulated gasoline blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content.

**Reformulated (Blended with Ether).** Reformulated gasoline blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content.

**Reformulated (Non-Oxygenated).** Reformulated gasoline without added ether or alcohol components.

**Motor Gasoline Blending.** Mechanical mixing of motor gasoline blending components, and oxygenates when required, to produce finished motor gasoline. Finished motor gasoline may be further mixed with other motor gasoline blending components or oxygenates, resulting in increased volumes of finished motor gasoline and/or changes in the formulation of finished motor gasoline (e.g., conventional motor gasoline mixed with MTBE to produce oxygenated motor gasoline).

**Motor Gasoline Blending Components.** Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. These components include reformulated gasoline blendstock for oxygenate blending (RBOB) but exclude oxygenates (alcohols, ethers), butane, and pentanes plus. Note: Oxygenates are reported as individual components and are included in the total for other hydrocarbons, hydrogens, and oxygenates.

**Conventional Blendstock for Oxygenate Blending (CBOB).** Conventional gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. CBOB must become conventional gasoline after blending with oxygenates. Motor gasoline blending components that require blending other than with oxygenates to become finished conventional gasoline are reported as All Other Motor Gasoline Blending Components. Excludes reformulated blendstock for oxygenate blending (RBOB).

**Gasoline Treated as Blendstock (GTAB).** Non-certified Foreign Refinery gasoline classified by an importer as blendstock to be either blended or reclassified with respect to reformulated or conventional gasoline. GTAB was classified on EIA surveys as either reformulated or conventional based on emissions performance and the intended end use in data through the end of December 2009. Designation of GTAB as reformulated or conventional was discontinued beginning with data for January 2010. GTAB was reported as a single

product beginning with data for January 2010. GTAB data for January 2010 and later months is presented as conventional motor gasoline blending components when reported as a subset of motor gasoline blending components.

**Reformulated Blendstock for Oxygenate Blending (RBOB).** Specially produced reformulated gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. Includes RBOB used to meet requirements of the Federal reformulated gasoline program and other blendstock intended for blending with oxygenates to produce finished gasoline that meets or exceeds emissions performance requirements of Federal reformulated gasoline (e.g., California RBOB and Arizona RBOB). Excludes conventional gasoline blendstocks for oxygenate blending (CBOB).

**RBOB for Blending with Alcohol.** Motor gasoline blending components intended to be blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

**RBOB for Blending with Ether.** Motor gasoline blending components intended to be blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

**All Other Motor Gasoline Blending Components.** Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. Includes receipts and inputs of Gasoline Treated as Blendstock (GTAB). Excludes conventional blendstock for oxygenate blending (CBOB), reformulated blendstock for oxygenate blending, oxygenates (e.g., fuel ethanol and methyl tertiary butyl ether), butane, and pentanes plus.

**MTBE (Methyl tertiary butyl ether)  $(CH_3)_3COCH_3$ .** An ether intended for gasoline blending as described in Oxygenate definition.

**Naphtha.** A generic term applied to a petroleum fraction with an approximate boiling range between 122 degrees Fahrenheit and 400 degrees Fahrenheit.

**Naphtha Less Than 401° F.** See *Petrochemical Feedstocks*.

**Naphtha-Type Jet Fuel.** A fuel in the heavy naphtha boiling range having an average gravity of 52.8 degrees API, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other aviation fuels and meets engine requirements at high altitudes and speeds. Note:

Beginning with January 2004 data, naphtha-type jet fuel is included in *Miscellaneous Products*.

**Natural Gas.** A gaseous mixture of hydrocarbon compounds, the primary one being **methane**.

**Natural Gas Field Facility.** A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, normal butane, pentanes plus, etc., and to control the quality of natural gas to be marketed.

**Natural Gas Liquids.** Those hydrocarbons in natural gas that are separated from the gas as liquids through the process of absorption, condensation, adsorption, or other methods in gas processing or cycling plants. Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as lease condensate, natural gasoline, and liquefied petroleum gases. Natural gas liquids include natural gas plant liquids (primarily ethane, propane, butane, and isobutane; see *Natural Gas Plant Liquids*) and lease condensate (primarily pentanes produced from natural gas at lease separators and field facilities; see *Lease Condensate*).

**Natural Gas Plant Liquids.** Those hydrocarbons in natural gas that are separated as liquids at natural gas processing plants, fractionating and cycling plants, and, in some instances, field facilities. Lease condensate is excluded. Products obtained include ethane; liquefied petroleum gases (propane, butanes, propane-butane mixtures, ethane-propane mixtures); isopentane; and other small quantities of finished products, such as motor gasoline, special naphthas, jet fuel, kerosene, and distillate fuel oil.

**Natural Gas Processing Plant.** Facilities designed to recover natural gas liquids from a stream of natural gas that may or may not have passed through lease separators and/or field separation facilities. These facilities control the quality of the natural gas to be marketed. Cycling plants are classified as gas processing plants.

**Natural Gasoline and Isopentane.** A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas, that meets vapor pressure, end-point, and other specifications for natural gasoline set by the Gas Processors Association. Includes isopentane which is a saturated branch-chain hydrocarbon,  $(C_5H_{12})$ , obtained by fractionation of natural gasoline or isomerization of normal pentane.

**Net Receipts.** The difference between total movements into and total movements out of each PAD District by pipeline, tanker, and barge.

**Normal Butane.** See *Butane*.

**OPEC.** An intergovernmental organization whose stated objective is to coordinate and unify petroleum policies of member countries. It was created at the Baghdad Conference on September 10–14, 1960. Current members (with years of membership) include Algeria (1969-present), Angola (2007-present), Ecuador (1973-1992 and 2007-present), Iran (1960-present), Iraq (1960-present), Kuwait (1960-present), Libya (1962-present), Nigeria (1971-present), Qatar (1961-present), Saudi Arabia (1960-present), United Arab Emirates (1967-present), and Venezuela (1960-present). Countries no longer

members of OPEC include Gabon (1975-1994) and Indonesia (1962-2008).

**Operable Capacity.** The amount of capacity that, at the beginning of the period, is in operation; not in operation and not under active repair, but capable of being placed in operation within 30 days; or not in operation but under active repair that can be completed within 90 days. Operable capacity is the sum of the operating and idle capacity and is measured in barrels per calendar day or barrels per stream day.

**Operable Utilization Rate.** Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operable refining capacity of the units.

**Operating Capacity.** The component of operable capacity that is in operation at the beginning of the period.

**Operating Utilization Rate.** Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operating refining capacity of the units.

**Other Hydrocarbons.** Materials received by a refinery and consumed as a raw material. Includes hydrogen, coal tar derivatives, gilsonite, and natural gas received by the refinery for reforming into hydrogen. Natural gas to be used as fuel is excluded.

**Other Oils Equal To or Greater Than 401° F.** See *Petrochemical Feedstocks*.

**Other Oxygenates.** Other aliphatic alcohols and aliphatic ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

**Oxygenated Gasoline.** See *Motor Gasoline (Finished)*.

**Oxygenates.** Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Fuel Ethanol, Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates.

**Fuel Ethanol.** Blends of up to 10 percent by volume anhydrous ethanol (200 proof) (commonly referred to as the “gasohol waiver”).

**Methanol.** Blends of methanol and gasoline-grade tertiary butyl alcohol (GTBA) such that the total oxygen content does not exceed 3.5 percent by weight and the ratio of methanol to GTBA is less than or equal to 1. It is also specified that this blended fuel must meet ASTM volatility specifications (commonly referred to as the “ARCO” waiver).

Blends of up to 5.0 percent by volume methanol with a minimum of 2.5 percent by volume cosolvent alcohols having a carbon number of 4 or less (i.e., ethanol, propanol, butanol, and/or GTBA). The total oxygen must not exceed 3.7 percent by weight, and the blend must meet ASTM volatility specifications as well as phase separation and alcohol purity specifications (commonly referred to as the “DuPont” waiver).

**MTBE (Methyl tertiary butyl ether).** Blends up to 15.0 percent by volume MTBE which must meet the ASTM D4814 specifications. Blenders must take precautions that the blends are not used as base gasolines for other oxygenated blends (commonly referred to as the “Sun” waiver).

**Pentanes Plus.** A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas. Includes isopentane, natural gasoline, and plant condensate.

**Persian Gulf.** The countries that comprise the Persian Gulf are: Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates.

**Petrochemical Feedstocks.** Chemical feedstocks derived from petroleum principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics. The categories reported are “Naphtha Less Than 401° F” and “Other Oils Equal To or Greater Than 401° F.”

**Naphtha Less Than 401° F.** A naphtha with a boiling range of less than 401 degrees Fahrenheit that is intended for use as a petrochemical feedstock.

**Other Oils Equal To or Greater Than 401° F.** Oils with a boiling range equal to or greater than 401 degrees Fahrenheit that are intended for use as a petrochemical feedstock.

**Petroleum Administration for Defense (PAD) Districts.** Geographic aggregations of the 50 States and the District of Columbia into five districts by the Petroleum Administration for Defense in 1950. These districts were originally defined during World War II for purposes of administering oil allocation.

**Petroleum Coke.** A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

**Catalyst Coke.** In many catalytic operations (e.g., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refining process. This carbon or coke is not recoverable in a concentrated form.

**Marketable Coke.** Those grades of coke produced in delayed or fluid cokers which may be recovered as relatively pure carbon. This “green” coke may be sold as is or further purified by calcining.

**Petroleum Products.** Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

**Pipeline (Petroleum).** Crude oil and product pipelines used to transport crude oil and petroleum products respectively, (including interstate, intrastate, and intracompany pipelines) within the 50 States and the District of Columbia.

**Plant Condensate.** One of the natural gas liquids, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants.

**Processing Gain.** The volumetric amount by which total output is greater than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a lower specific gravity than the crude oil processed.

**Processing Loss.** The volumetric amount by which total refinery output is less than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a higher specific gravity than the crude oil processed.

**Product Supplied, Crude Oil.** Crude oil burned on leases and by pipelines as fuel.

**Production Capacity.** The maximum amount of product that can be produced from processing facilities.

**Products Supplied.** Approximately represents consumption of petroleum products because it measures the disappearance of these products from primary sources, i.e., refineries, natural gas processing plants, blending plants, pipelines, and bulk terminals. In general, product supplied of each product in any given period is computed as follows: field production, plus refinery production, plus imports, plus unaccounted for crude oil, (plus net receipts when calculated on a PAD District basis), minus stock change, minus crude oil losses, minus refinery inputs, minus exports.

**Propane (C<sub>3</sub>H<sub>8</sub>).** A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-5 propane.

**Propylene (C<sub>3</sub>H<sub>6</sub>).** An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

**Propylene (C<sub>3</sub>H<sub>6</sub>) (nonfuel use).** Propylene that is intended for use in nonfuel applications such as petrochemical manufacturing. Nonfuel use propylene includes chemical-grade propylene, polymer-grade propylene, and trace amounts of propane. Nonfuel use propylene also includes the propylene component of propane/propylene mixes where the propylene will be separated from the mix in a propane/propylene splitting process. Excluded is the propylene component of propane/propylene mixes where the propylene component of the mix is intended for sale into the fuel market.

**Refinery.** An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and oxygenates.

**Refinery-Grade Butane.** See *Butane*.

**Refinery Input, Crude Oil.** Total crude oil (domestic plus foreign) input to crude oil distillation units and other refinery processing units (cokers, etc.).

**Refinery Input, Total.** The raw materials and intermediate materials processed at refineries to produce finished petroleum products. They include crude oil, products of natural gas processing plants, unfinished oils, other hydrocarbons and oxygenates, motor gasoline and aviation gasoline blending components and finished petroleum products.

**Refinery Production.** Petroleum products produced at a refinery or blending plant. Published production of these products equals refinery production minus refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. Refinery production of unfinished oils, and motor and aviation gasoline blending components appear on a net basis under refinery input.

**Refinery Yield.** Refinery yield (expressed as a percentage) represents the percent of finished product produced from input of crude oil and net input of unfinished oils. It is calculated by dividing the sum of crude oil and net unfinished input into the individual net production of finished products. Before calculating the yield for finished motor gasoline, the input of natural gas liquids, other hydrocarbons and oxygenates, and net input of motor gasoline blending components must be subtracted from the net production of finished motor gasoline. Before calculating the yield for finished aviation gasoline, input of aviation gasoline blending components must be subtracted from the net production of finished aviation gasoline.

**Reformulated Blendstock for Oxygenate Blending (RBOB).** See *Motor Gasoline Blending Components*.

**Reformulated Gasoline.** See *Motor Gasoline (Finished)*.

**Renewable Fuels (Other).** Fuels and fuel blending components, except biomass-based diesel fuel, renewable diesel fuel, and fuel ethanol, produced from renewable biomass.

**Residual Fuel Oil.** A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

**Residuum.** Residue from crude oil after distilling off all but the heaviest components, with a boiling range greater than 1000 degrees Fahrenheit.

**Road Oil.** Any heavy petroleum oil, including residual asphaltic oil used as a dust palliative and surface treatment on roads and highways.

It is generally produced in six grades from 0, the most liquid, to 5, the most viscous.

**Shell Storage Capacity.** The design capacity of a petroleum storage tank which is always greater than or equal to working storage capacity. Special Naphthas. All finished products within the naphtha boiling range that are used as paint thinners, cleaners, or solvents. These products are refined to a specified flash point. Special naphthas include all commercial hexane and cleaning solvents conforming to ASTM Specification D1836 and D484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline, or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

**Steam (Purchased).** Steam, purchased for use by a refinery, that was not generated from within the refinery complex.

**Still Gas (Refinery Gas).** Any form or mixture of gases produced in refineries by distillation, cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, normal butane, butylene, propane, propylene, etc. Still gas is used as a refinery fuel and a petrochemical feedstock. The conversion factor is 6 million BTU's per fuel oil equivalent barrel.

**Stock Change.** The difference between stocks at the beginning of the reporting period and stocks at the end of the reporting period. Note: A negative number indicates a decrease (i.e., a drawdown) in stocks and a positive number indicates an increase (i.e., a buildup) in stocks during the reporting period.

**Strategic Petroleum Reserve (SPR).** Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

**Sulfur.** A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

**Supply.** The components of petroleum supply are field production, refinery production, imports, and net receipts when calculated on a PAD District basis.

**TAME (Tertiary amyl methyl ether)  $(CH_3)_2(C_2H_5)COCH_3$ .** An oxygenate blend stock formed by the catalytic etherification of isoamylene with methanol.

**Tank Farm.** An installation used by gathering and trunk pipeline companies, crude oil producers, and terminal operators (except refineries) to store crude oil.

**Tanker and Barge.** Vessels that transport crude oil or petroleum products. Data are reported for movements between PAD Districts; from a PAD District to the Panama Canal; or from the Panama Canal to a PAD District.

**TBA (Tertiary butyl alcohol)  $(CH_3)_3COH$ .** An alcohol primarily used as a chemical feedstock, a solvent or feedstock for isobutylene production for MTBE; produced as a co-product of propylene oxide production or by direct hydration of isobutylene.

**Thermal Cracking.** A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking includes gas oil, visbreaking, fluid coking, delayed coking, and other thermal cracking processes (e.g., flexicoking). See individual categories for definition.

**Toluene  $(C_6H_5CH_3)$ .** Colorless liquid of the aromatic group of petroleum hydrocarbons, made by the catalytic reforming of petroleum naphthas containing methyl cyclohexane. A high-octane gasoline-blending agent, solvent, and chemical intermediate, base for TNT.

**Ultra-Low Sulfur Distillate Fuel Oil.** Distillate fuel oil having sulfur content of 15 ppm or lower. Ultra-low sulfur distillate fuel oil that will be shipped by pipeline must satisfy the sulfur specification of the shipping pipeline if the pipeline specification is below 15 ppm. Distillate fuel oil intended for pipeline shipment that fails to meet a pipeline sulfur specification that is below 15 ppm will be classified as low-sulfur distillate fuel oil.

**Unaccounted for Crude Oil.** Represents the arithmetic difference between the calculated supply and the calculated disposition of crude oil. The calculated supply is the sum of crude oil production plus imports minus changes in crude oil stocks. The calculated disposition of crude oil is the sum of crude oil input to refineries, crude oil exports, crude oil burned as fuel, and crude oil losses.

**Unfinished Oils.** All oils requiring further processing, except those requiring only mechanical blending. Unfinished oils are produced by partial refining of crude oil and include naphthas and lighter oils, kerosene and light gas oils, heavy gas oils, and residuum.

**Unfractionated Streams.** Mixtures of unsegregated natural gas liquid components excluding those in plant condensate. This product is extracted from natural gas.

**United States.** The United States is defined as the 50 States and the District of Columbia.

**Vacuum Distillation.** Distillation under reduced pressure (less the atmospheric) which lowers the boiling temperature of the liquid being distilled. This technique with its relatively low temperatures prevents cracking or decomposition of the charge stock.

**Visbreaking.** A thermal cracking process in which heavy atmospheric or vacuum-still bottoms are cracked at moderate temperatures to increase production of distillate products and reduce viscosity of the distillation residues.

**Wax.** A solid or semi-solid material at 77 degrees Fahrenheit consisting of a mixture of hydrocarbons obtained or derived from

petroleum fractions, or through a Fischer-Tropsch type process, in which the straight-chained paraffin series predominates. This includes all marketable wax, whether crude or refined, with a congealing point (ASTM D 938) between 80 (or 85) and 240 degrees Fahrenheit and a maximum oil content (ASTM D 3235) of 50 weight percent.

**Working Storage Capacity.** The difference in volume between the maximum safe fill capacity and the quantity below which pump

suction is ineffective (bottoms).

**Xylene ( $C_6H_4(CH_3)_2$ ).** Colorless liquid of the aromatic group of hydrocarbons made the catalytic reforming of certain naphthenic petroleum fractions. Used as high-octane motor and aviation gasoline blending agents, solvents, chemical intermediates. Isomers are metaxylene, orthoxylene, paraxylene.